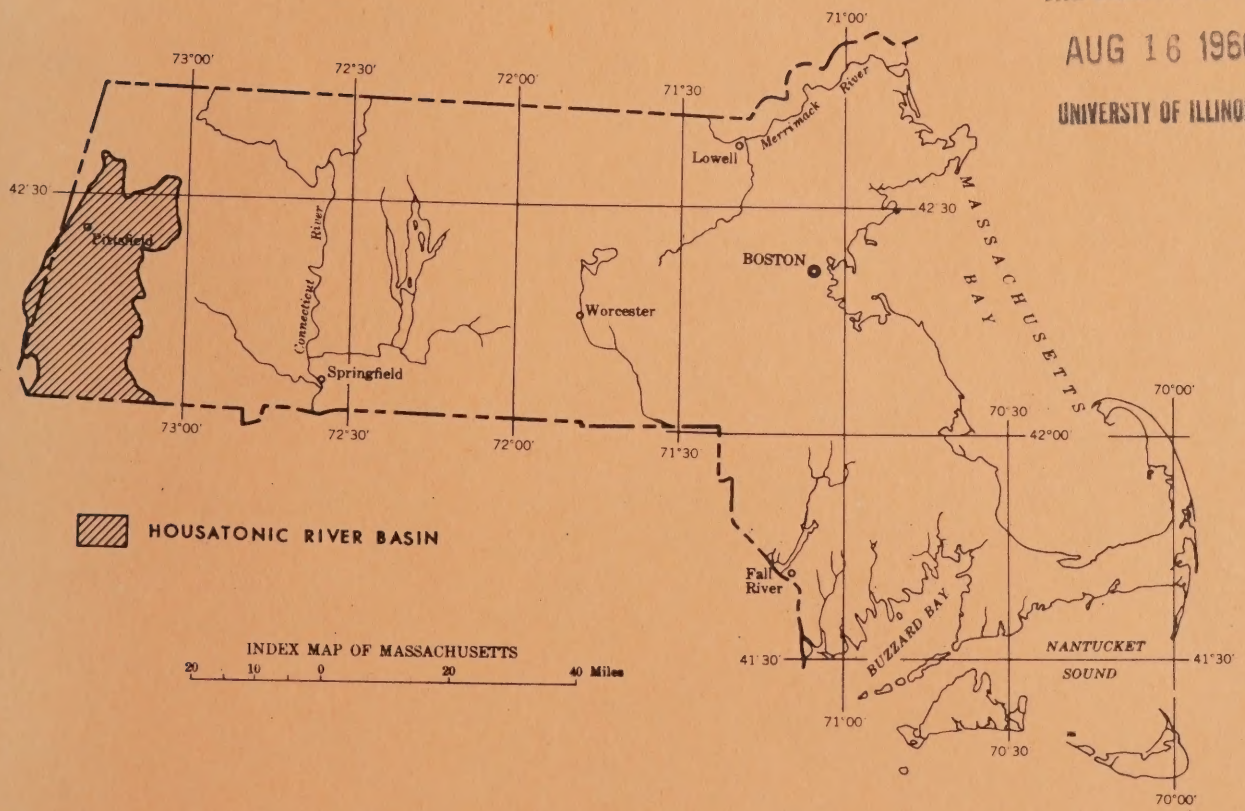
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MASSACHUSETTS BASIC-DATA REPORT NO. 9
GROUND-WATER SERIES

HOUSATONIC RIVER BASIN

By
RALPH F. NORVITCH AND MARY E. S. LAMB



PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION

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HOUSATONIC RIVER BASIN

Records of selected wells, springs, test holes, materials tests, and chemical analyses of water in the Housatonic River basin, Massachusetts

By

Ralph F. Norvitch and Mary E. S. Lamb

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16 aug. 1946, dw. g.

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INTRODUCTION

The Housatonic River basin is an area of 1,950 square miles of which 63 percent is in western Connecticut, 26 percent in western Massachusetts, and 11 percent in eastern New York. This report is concerned only with the upper part of the Basin, an area of about 530 square miles lying north of the Connecticut-Massachusetts State line, which contains the headwaters region of the Housatonic River. The upper Basin is almost entirely within Berkshire County, Massachusetts except for a small part (33 sq mi) in Columbia County, New York. This area of the upper Basin includes all or a portion of the following towns: Alford, Ashford, Becket, Cheshire, Dalton, Egremont, Great Barrington, Hancock, Hinsdale, Lanesborough, Lee, Lenox, Monterey, Mt. Washington, New Ashford, New Marlborough, Otis, Peru, Pittsfield, Richmond, Sandisfield, Stockbridge, Tyringham, Washington, West Stockbridge, and Windsor in Massachusetts and part of the towns of Austerlitz, Canaan, and Hillsdale in New York.

This report presents data collected as part of an investigation of the ground-water resources in the Housatonic River basin by the U.S. Geological Survey in cooperation with the Massachusetts Water Resources Commission. The data have been prepared for release in order to make available to the public basic ground-water information that will be useful in the planning of water-resources development.

The data in this report were collected intermittently from 1949 to 1965 by L. M. Page, I. G. Grossman, Sheldon Shapiro, and R. F. Norvitch. The selected data in tables 2-4 represent those springs, wells, test wells, and borings that were thought to be representative of any given location. Tables 5-9 include data on major public water-supply systems, percent of chemical constituents in major rock types, chemical analyses of water and precipitation samples, and a table of water-level measurements. The geologic units in tables 2-4 are described in table 1.

LOCATION SYSTEM

For ease in locating wells, springs, borings, and materials tests on the map, plate 1, a location system is used which is based on the latitude and longitude coordinates of degrees, minutes, and seconds. For example, well number Alford 1, which is located at 42°14'09" north latitude and 73°24'51" longitude, is given the location designation 421409N0732451.1. The ".1" at the end of this designation is a number assigned in the order the wells were inventoried within the area of the specified latitude and longitude.

NUMBERING SYSTEMS

Wells and test wells: These are designated by a symbol whose first term is the name of the town or city in which the well is located and whose second term is a number that is assigned in the order in which the well was inventoried within the town or city (for example: Alford 1). A separate series of numbers beginning with "1" is used within each town or city. In the tables the name of the town or city and the number are given; however, on the map, plate 1, only the number appears beside the well symbol within the designating town boundaries.

Springs: These are designated in the same manner as wells except each symbol is followed by "sp" (for example: New Marlborough 3 sp).

Auger borings: These are designated in the same manner as the wells with one important exception; namely, a small "a" is included before the second term (for example: Great Barrington a65).

Bridge borings: The Massachusetts Department of Public Works bridge-site borings are assigned numbers in the same manner as the wells within each town or city in which the bridge occurs (for example: Great Barrington 42). The Massachusetts Department of Public Works number for the boring is shown in table 2 under the heading "Remarks". Each boring listed in the table is representative of several borings at that bridge site.

Highway borings: The Massachusetts Turnpike Authority borings along the Massachusetts Turnpike are assigned a number in the same manner as the wells and bridge borings within a town or city. The contract number and the number of each individual boring are given in the "Remarks" column of table 2. Each boring is representative of several borings in that area.

Table 1 --Geologic units in the Housatonic River basin and their water-bearing characteristics

Geologic unit	Thickness (feet)	Character	Water-bearing characteristics
Alluvium	-	Chiefly sand, silt, and gravel. Great similarity to outwash in lithology and hydraulic properties.	Does not form a distinct water-bearing unit. Where it occurs it is included with the unit which underlies it.
Swamp deposits	0-45*	Mostly silt, sand, and peat with some gravel and clay.	Largely saturated deposits but not considered as source of water to wells. Many of the swamp deposits are underlain by glaciofluvial (outwash) deposits which may be a source of water to wells.
Outwash deposits	0-240*	Chiefly silt, sand, and gravel with some clay; generally well sorted.	Very fine sand and silt grain sizes are predominant along most of the Housatonic River and yield water slowly, in usable quantities, to large-diameter dug wells. In some places unit contains more coarse sediments near the base which will yield water in usable quantities to drilled wells. Valley-fill deposits in the tributaries are usually more coarse than in the trunk stream. Well yields may range, locally, from less than 1 gpm (gallon per minute) to more than 600 gpm.
Ice-contact deposits	0-180*	Mostly silt, sand, and gravel with some boulders in well- to poorly-sorted deposits.	Grain sizes may vary from well-sorted sand and gravel to much finer sediments in short lateral and vertical distances and produce abrupt changes in permeability. Well yields range, locally, from less than 1 gpm to more than 900 gpm. The upper and often larger area of the deposits may be above the water table and, hence, dry.
Till	0-90*	Heterogeneous mixture of silt, sand, gravel, and boulders with minor clay.	Not considered a good aquifer; however, where saturated, low yields suitable for most domestic needs may be obtained from large-diameter dug or bored wells.
Bedrock	-	Predominant types are gneissic, quartzitic, carbonate, and schistose rocks.	Water yields from wells completed in bedrock range from less than 1 gpm to as much as 1,600 gpm. The carbonate rocks (limestones, dolomites, and marbles) are the best water producers.

*Maximum values from drillers' logs.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin

Well no.: For explanation of well-numbering system, see text.
Location: For explanation of well-location system, see text.
Altitude of land-surface datum: Altitudes expressed in feet and tenths are instrumentally determined; those in whole feet are interpolated from topographic maps. Datum is mean sea level.
Type of well: A, augered; Dn, driven; Dr, drilled; Du, dug; GP, gravel packed.
Depth of well: Depths expressed in feet and tenths are measured; those in whole feet are reported.
Depth to bedrock or refusal: An "R" appended to the depth indicates the well or test hole was bottomed at refusal which may be bedrock, a boulder, a hard or cemented layer, or till.
Principal water-bearing material: For explanation of geologic units, see table 1.
Character: cl, clay; dolo, dolomite; gn, gneiss; g, gravel; ls, limestone; qtz, quartzite; s, sand; sh, schist; st, silt; t, till; uk, unknown.
Geologic unit: br, bedrock; icd, ice-contact deposits; ow, outwash; t, till; un, unconsolidated-undifferentiated.
Level: Water levels expressed in feet and tenths or in feet, tenths, and hundredths are measured; those expressed in whole feet are reported. Depths are below land-surface datum.
Use: C, commercial; D, domestic; In, industrial; Ir, irrigation; MT, materials test; N, not used (follows original use, eg. D/N); O, observation; PS, public supply; S, stock; T, test hole for water; Tb, test boring.
Type of pump/power: C, centrifugal (suction); J, jet; N, none; P, piston; Sb, submersible; T, turbine/E, electric; M, manual.
Remarks: A, abandoned or destroyed; Bo, boring number; Br, bridge number; CA, chemical analysis in table 6; Cont, contract number; L, log in table 3; T, temperature in degrees Fahrenheit; W, record of water-level fluctuations in table 9; Y, yield in gallons per minute; dd, drawdown in feet produced by pumping at preceding rate.

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water Level	Water Date of measurement	Use	Type of pump/power	Remarks
							ALFORD								
1	421409N0732451.1	Alford Center School	1949	858	Dr	125	6	4	ls	br	10	-49:	PS	J/E	Turbid after heavy rain. Y 4.
2	421408N0732445.1	Town of Alford	-	850	Du	18	48	-	uk	un	-	-	PS	P/M	
3	421611N0732532.1	Raymond Wilcox	1951	912	Dr	102	6	54	sh	br	0	-51:	D	-/E	L. Y 1.5.
4	421713N0732524.1	J.R. Whisenant	1950	980	Dr	372	6	14	sh	br	18	-50:	D	Sb/E	L. Y 1.8.
5	421449N0732519.1	Leonard J. Kelly	1951	910	Dr	114	6	12	ls	br	14	-51:	D	J/E	L. Y 1.5; dd 100 after ½ hr.
6	421358N0732503.1	Arthur T. Drumm	1950	882	Dr	91	6	6	ls	br	25	-50:	D	-	L. Y 4. CA.
7	421413N0732501.1	Kenneth Firmage	1951	856	Dr	93	6	12	ls	br	13-14	-51:	D	J/E	L. Y 10; dd 78 after 4 hrs. Hard water.
8	421430N0732919.1	Myron Hall	1948	1110	Dr	87.2	6	87.2	g	un	flow	-48:	D	J/E	L. Y .75. Flow .75; bailed .75 gpm.
9	421418N0732446.1	W. Adams	1950	832	Dr	72	6	9	ls	br	7	-50:	D	J/E	L. Y 30; dd 11 after 4 hrs.
10	421321N0732648.1	Laura Millard	-	848	Dr	505	6	2	ls	br	15	-52:	N	N	L. Y 1.
11	421310N0732637.1	Teresa L. Brazie	-	840	Dr	200	8	18	ls	br	18	-64:	D	J/E	Y 3.
							BECKET								
17	421717N0730926.1	Mass. Turnpike Authority	1955	1402	Dn	20.0	-	-	-	-	11.5	-55:	Tb	-	L. Cont 51-010. Bo 43.
18	421647N0730850.1	do.	1955	1420	Dn	30.0	-	-	-	-	9.0	-55:	Tb	-	L. Cont 51-010. Bo 3A.
							DALTON								
1	422815N0731037.1	Crane Paper Co., Inc.	1907	1050	Dr	312	5	-	ls	br	-	-	In/N	-	Y 25.
2	422815N0731037.2	do.	1906	1050	Dr	379	10	-	ls	br	-	-	In/N	-	Y 75.
3	422816N0731033.1	do.	1909	1048	Dr	370	10	-	ls	br	-	-	In	-	Y 480. Y originally 1200.
4	422814N0731027.1	do.	1907	1050	Dr	258	6	-	ls	br	-	-	In	-	Y 111. Y originally 500.
5	422814N0731027.2	do.	1925	1050	Dr	638	10	75	ls	br	33	10- -49:	In	Sb/E	L. Y 1700±. Original flow 1400. CA.
6	422814N0731027.3	do.	1855	1050	Dr	100	6	0	ls	br	flow	1855:	In	-	L. Y 40.
7	422814N0731020.1	do.	1885	1050	Dr	147	-	0	ls	br	flow	1885:	In	-	L. Y 740.
8	422813N0731018.1	do.	1930	1050	Dr	607	8	15	ls, qtz	br	flow	-52:	In	-	L. Y 300. Originally drilled in 1913 to depth of 222 ft.
9	422847N0731014.1	General Sand & Stone	1948	1135	Dr	47	6	-	g,s	ow	5	1-21-52:	In	T/E	L. Y 640. Iron clogs screen.
10	422847N0731014.2	do.	1948	1135	Dr	50	6	-	g	ow	14	-52:	In	T/E	L. Y 450; dd 18 after 72 hrs at 435. Iron clogs screen.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
							DALTON (Continued)								
11	422849NO731010.1	General Sand & Stone	1948	1145	Dr	349	6	149	qtz	br	68	-48:	In/N:	T/E	L. A. Y 25; dd 280 after 2 hrs.
12	422832NO730718.1	Richard Borgnis	1950	1343	Dr	31	6	12	gn	br	6	-50:	D	-/E	L. CA. Y 10.
13	422619NO731139.1	Chaloner Whitaker	1950	1050	Dr	86	6	43	ls	br	25	-50:	D	J/E	Y 1.5. CA.
18	422811NO731040.1	Crane Paper Co., Inc	1906	1040	Dr	242	-	-	ls	br	-	-	In/N:	N	Y 20. A. Unsuccessful well.
19	422819NO731030.1	do.	1909	1070	Dr	919	12	-	ls	br	-	-	N	N	Y O. A. Unsuccessful well.
20	422814NO731013.1	do.	1909	1070	Dr	515	12	-	ls	br	flow	-09:	N	N	Y 350. A. Unsuccessful well.
21	422811NO731106.1	do.	1884	1020	Dr	-	-	-	ls	br	-	-	N	-	A. Unsuccessful well.
22	422808NO731101.1	do.	1884	1020	Dr	-	-	-	ls	br	-	-	N	-	A. Iron content. Unsuccessful well.
23	422818NO731101.1	do.	1884	1035	Dr	-	-	-	ls	br	-	-	N	-	Do.
24	422808NO731058.1	do.	1884	1035	Dr	-	-	-	ls	br	-	-	N	-	Do.
25	422803NO731100.1	do.	1908	1048	Dr	-	-	-	ls	br	-	-	N	-	A. Unsuccessful well.
26	422807NO731048.1	do.	1908	1030	Dr	-	-	-	ls	br	-	-	N	-	Do.
27	422226NO730928.1	Byron Weston Mills	1883	1150	Dr	511	-	-	ls	br	flow	-32:	N	-	Flow 10.
28	422226NO730928.2	do.	1857	1150	Dr	150	8	-	ls	br	-	-	N	-	Flow: 120 in 1857, 300 in 1952, 150 in 1932. T 50.
30	422821NO730932.1	do.	1908	1112	Dr	356	12	-	ls	br	flow	-46:	In	-	Flow: 870 in 1908, 610 in 1932.
31	422819NO730936.1	do.	1883	1107	Dr	239	8	-	ls	br	flow	-46:	In	-	Y 550. Y 127 in 1935.
32	422819NO730938.1	do.	1939	1115	Dr	255	16	49	ls	br	-	-	In	-	Y 700; dd 65 after 80 hrs. at 750.
33	422819NO730941.1	do.	1939	1104	Dr	438	12	65	ls	br	flow	-52:	In	Sb/E	Y 900; dd 15 after 150 hrs. at 600. Contains iron.
34	422905NO730818.1	Mr. Avallee	1951	1172	Dr	32	6	-	g	ow	5	-51:	D	-/E	L. Y 7.
36	422904NO730856.1	Mass. Dept. Pub. Wks	-	1147	Dn	16	-	-	-	-	-	-	Tb	-	L. Br D-1-10. Bo 1.
37	422904NO730856.2	do.	-	1146	Dn	42	-	-	-	-	-	-	Tb	-	L. Br D-1-10. Bo 2.
38	422904NO730856.3	do.	-	1144	Dn	44	-	-	-	-	-	-	Tb	-	L. Br D-1-10. Bo 3.
39	422904NO730856.4	do.	-	1144	Dn	24	-	-	-	-	-	-	Tb	-	L. Br D-1-10. Bo 4.
40	422904NO730856.5	do.	-	1146	Dn	44	-	-	-	-	-	-	Tb	-	L. Br D-1-10. Bo 5.
41	422904NO730856.6	do.	-	1154	Dn	32	-	-	-	-	-	-	Tb	-	L. Br D-1-10. Bo 6.
42	422914NO730756.1	do.	-	1191	Dn	17	-	-	-	-	-	-	Tb	-	L. Br D-1-19. Bo 2.
43	422800NO730832.1	do.	-	1173	Dn	18	-	-	-	-	-	-	Tb	-	L. Br D-1-8. Bo 1.
44	422800NO730832.2	do.	-	1174	Dn	17.5	-	-	-	-	-	-	Tb	-	L. Br D-1-8. Bo 4.
45	422910NO730742.1	do.	-	1220	Dn	17	-	-	-	-	-	-	Tb	-	L. Br D-1-12.
46	422856NO731009.1	General Sand & Stone	-	1135	Dr	81	8	94	s,g	ow	36	5-20-63:	In	T/E	L. Y 150; dd 30 after 72 hrs. CA.
47	422842NO730843.1	Mass. Dept. Pub. Wks	1964	1160	A	115	-	115	-	-	12	12- 8-64:	Tb	-	L.
							EGREMONT								
2	421053NO732612.1	Elwood R. Burdsall	1914	970	Dr	420	6	68	ls	br	3	4-24-52:	D,S	-/E	L. Y 35; dd 170 after 7-8 hrs. Water level was 30 ft below lsd in Aug. 1952.
3	421105NO732608.1	Rev. Frank Crook	1952	980	Dr	98	6	23	ls	br	8	4-20-52:	D	-/E	L. Y 9; dd 62 after 1 hr. at 10.
5	420918NO732708.1	Mary D. Sturges	1950	800	Dr	33	6	31	ls	br	8	- -50:	D	-/E	L. Y 30; dd 10 after 2 hrs.
6	421004NO732603.1	John B. Orr	1951	880	Dr	100	6	72	ls	br	27	-51:	D	-/E	L. Y 3.
7	420956NO732526.1	Edward R. Wyman	1949	860	Dr	100	6	40	ls	br	38	-49:	D	J/E	L. Y 22; dd 45 after 8 hrs.
8	421008NO732458.1	E. T. Collins	1949	730	Dr	85	6	23	ls	br	18	-49:	D	J/E	L. Y 2.5.
9	420952NO732632.1	Donald Williams	1950	876	Dr	195	6	11	ls	br	10.5	-50:	D	J/E	L. Y 4.5.
10	420853NO732607.1	Albert B. Gilbert	1950	928	Dr	204	6	14	ls	br	3	-50:	D	J/E	L. Y 30; dd 15 after 4 hrs.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
						EGREMONT (Continued)									
11	421209N0732601.1	Katherine Brackett	1948	796	Dr	102	6	22	ls	br	3	-48	D	-/E	L. Y 8.
12	421039N0732450.1	Gus Pederson	1948	790	Dr	129	6	25	ls	br	18	-48	D	-/E	L. Y 2.
13	421039N0732452.1	George Abdalla	1951	780	Dr	110	6	0	ls	br	12	-51	D	N	L. Y 10; dd 84 after 4 hrs.
14	421042N0732509.1	Mr. Pederson, Jr.	1951	820	Dr	35	6	4	ls	br	2	-51	D	N	L. Y 20+; dd 0 after ½ hr. at 18.
15	420957N0732638.1	Walter Mielke	1950	840	Dr	98	6	5	ls	br	6	-50	D	J/E	L. Y 2.
16	420948N0732545.1	-	-	820	Dr	186	-	0	marble	br	8	-52	D	-/E	L. Y 4.
17	421230N0732500.1	John Deliea	1939	958	Dr	300	6	25	ls	br	20±5	-39	-	N	L. Y 1. A.
18	421059N0732625.1	Mr. Rogers	1947	975	Dr	90	6	30	ls	br	-	-	D	J/E	L. Y 5-6.
19	421142N0732449.1	W. F. Barrett	1921	832	Dr	125	6	10	ls	br	-	-	D	P/E	L. Y 1.5.
20	421208N0732624.1	Mrs. Snyder	1930	788	Dr	50	6	18	ls	br	8±2	-30	D	C/E	L. Y 50+.
21	420831N0732444.1	Rodney Waldbridge	1925	722	Dr	185	6	4	ls	br	10	-25	D	Sb/E	L. Y 7-8. CA.
23	421105N0732608.1	Rev. Frank Crook	1902	980	Du	30	-	23	ls	-	-	-	-	-	
24	421058N0732445.1	Cecil Stockwell	-	750	Dn	16	1.25	-	g	ow	-	-	D,S	P/E	Water level gets very low at times.
25	421055N0732455.1	John Hanley	1955	748	Dn	28	1.25	-	g	ow	-	-	D	P/E	
26	421126N0732539.1	Kingsley Hall School	1864	770	Du	14.3	24	-	t	t	13.74	9-11-64	N	-	
27	421130N0732538.1	do.	-	765	Du	11.7	36	-	g	ow	7.86	9-11-64	PS	-/E	Y 300.
28	421056N0732454.1	U.S. Geol. Survey	1964	745	A	60	-	60	-	-	16.6	12- 9-64	T	-	L.
29	420906N0732355.1	do.	1963	700	A	20	-	20R	-	-	15	11-27-63	T	-	L.
30	421110N0732451.1	do.	1964	735	A	52.5	-	-	-	-	5	6- 9-64	T	-	L.
						GREAT BARRINGTON									
1	421339N0732154.1	Dora A. Campbell	-	732	Du	21.6	32	-	t	t	18.72	2- 2-39	O	-	
2	421315N0732128.1	Austin Holian	-	725	Du	15.5	36	-	t	t	12.10	6-15-51	D,O	-	CA. W.
3	421428N0732127.1	Rising Paper Co.	1912	712	Dr	577	10	-	uk	br	flow	-49	D,In	Sb/E	Flow 600 gpm. Y 813.
4	421428N0732127.2	do.	1912	712	Dr	462	10	-	ls	br	-	-	In	Sb/E	Y 803.
5	421428N0732127.3	do.	1919	712	Dr	696	10	-	ls	br	flow	-51	In/N	N	Y 100; dd 24 after 10 min. Lime content too high for proper production.
8	421519N0732153.1	Monument Mills Co.	1905	730	Dr	511	8	112	uk	br	14	-52	D,In	C/E	Y 300; dd 0 after 24 hrs.
9	421235N0732004.1	Eli Cooper	1875	900	Du	12	-	-	t	t	6	-52	D	-	
10	421321N0732435.1	R. E. Gillie	-	905	Du	20	36	-	s,st	ow	-	-	D	-/E	
11	421422N0731659.1	CCC Camp #2153	-	1630	Dr	192	6	-	uk	br	-	-	D,O	-	W.
12	421128N0732149.1	Barrington School	-	702	Dr	170	6	50	uk	br	flow	-35	PS	-	
13	421522N0732250.1	Housatonic Water Wks	1938	746	Du/GP	13	12	-	s,g	ow	-	-	T	-	L. Y 18; dd 7.8 after 6 days.
14	421522N0732250.2	do.	1938	746	Du/GP	13	12	-	s,g	ow	-	-	T	-	L. Y 18; dd 5.6 after 6 days.
15	421522N0732250.3	do.	1938	746	Du	13	-	-	s,g	ow	-	-	T	-	Y 18.
16	421522N0732250.4	do.	1938	746	Du	13	-	-	uk	ow	-	-	T	-	
17	421522N0732250.5	do.	1938	746	Dn	39.5	2.5	-	cl,g,s	ow	-	-	T	-	L.
18	421350N0732228.1	do.	1938	800	Dr	100	-	17	uk	br	-	-	T	N	L. Y 50+. Very hard water.
19	421350N0732228.2	do.	1938	800	Dr	100	-	-	uk	br	-	-	T	N	Y 50+. Very hard water.
20	421350N0732228.3	do.	1938	800	Dr	100	-	-	uk	br	-	-	T	N	Do.
21	421346N0732045.1	Ednir Handberg	1950	724	Dr	109	6	-	t	t	Dry	-50	N	-	L.
22	421200N0732152.1	M. E. Lockwood	1950	880	Dr	201	6	8	ls	br	80	-50	D	P/E	L. Y 13. Producing horizon 96-98.
23	421058N0732435.1	Robert D. King	1952	742	Dr	24	6	-	g	ow	8	-52	D	-/E	L. Y 30; dd 10 after 4 hrs.
24	421049N0732437.1	Eleanor Seed	1949	755	Dr	40	6	12.5	ls	br	8	-49	D	-/E	L. Y 17; dd 10 after 16 hrs.
25	421043N0732332.1	R. K. Agar, Jr.	1949	758	Dr	91	6	16	ls	br	18	-49	D	J/E	L. Y 4. Producing horizon 90.
26	421234N0732406.1	Frederick Holzman	1950	810	Dr	105	6	82	ls	br	18	-50	D	J/E	L. Y 3.5. Producing horizon 98.
27	421102N0730836.1	Ralph Beers	1950	748	Dr	90	6	30	ls	br	16	-50	D	J/E	L. Y 1. Producing horizon 84. CA

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Use	Type of pump/power	Remarks
						GREAT BARRINGTON (Continued)									
28	421104N0730837.1	Margaret Gidding	1951	732	Dr	71	6	33	ls	br	3	-51:	D	J/E	L. Y .5. Hard water reported. Producing horizon 40-43.
29	421128N0732431.1	Mr. House	1950	722	Dr	93	6	24	ls	br	15	-50:	D	J/E	L. Y 1. Producing horizon 65-67.
30	421332N0732144.1	Berter Moro	1950	720	Dr	54	-	-	g	ow	8	-50:	D	-/E	L. Y 10.
32	421212N0732050.1	Mass. Dept. Pub. Wks	-	683.7	Dn	52	-	-	-	-	-	-	Tb	-	L. Br G-11-21. Bo 1.
33	421212N0732050.2	do.	-	685.9	Dn	34	-	-	-	-	-	-	Tb	-	L. Br G-11-21. Bo 2.
34	421212N0732050.3	do.	-	686	Dn	42	-	-	-	-	-	-	Tb	-	L. Br G-11-21. Bo 3.
35	421212N0732050.4	do.	-	685.7	Dn	48	-	-	-	-	-	-	Tb	-	L. Br G-11-21. Bo 4.
36	421045N0732246.1	do.	1928	680	Dn	45	-	-	-	-	-	-	Tb	-	L. Br G-11-9. Bo 1.
37	421045N0732246.2	do.	1928	680	Dn	42.5	-	-	-	-	-	-	Tb	-	L. Br G-11-9. Bo 2.
38	421045N0732246.3	do.	1928	680	Dn	30.1	-	-	-	-	-	-	Tb	-	L. Br G-11-9. Bo 3.
39	421045N0732246.4	do.	1928	680	Dn	32.2	-	-	-	-	-	-	Tb	-	L. Br G-11-9. Bo 4.
40	421045N0732246.5	do.	1928	680	Dn	43.8	-	-	-	-	-	-	Tb	-	L. Br G-11-9. Bo 5.
41	421045N0732246.6	do.	1928	680	Dn	31.7	-	-	-	-	-	-	Tb	-	L. Br G-11-9. Bo 6.
42	421034N0732134.1	do.	-	666.9	Dn	58	-	-	-	-	-	-	Tb	-	L. Br G-11-8. Bo 1.
43	421034N0732134.2	do.	-	667	Dn	60	-	-	-	-	-	-	Tb	-	L. Br G-11-8. Bo 2.
44	421034N0732134.3	do.	-	671.4	Dn	62	-	-	-	-	-	-	Tb	-	L. Br G-11-8. Bo 3.
45	421034N0732134.4	do.	-	665.7	Dn	58	-	-	-	-	-	-	Tb	-	L. Br G-11-8. Bo 4.
46	420948N0732158.1	do.	-	663	Dn	75	-	-	-	-	-	-	Tb	-	L. Br G-11-19. Bo 1.
47	420948N0732158.2	do.	-	664.3	Dn	96.3	-	-	-	-	-	-	Tb	-	L. Br G-11-19. Bo 3.
48	420948N0732158.3	do.	-	662.7	Dn	79.7	-	-	-	-	-	-	Tb	-	L. Br G-11-19. Bo 4.
49	420948N0732158.4	do.	-	663.8	Dn	76.8	-	-	-	-	-	-	Tb	-	L. Br G-11-19. Bo 5.
50	420948N0732158.5	do.	-	663.9	Dn	74.9	-	-	-	-	-	-	Tb	-	L. Br G-11-19. Bo 8.
51	420948N0732158.6	do.	-	664.2	Dn	109.2	-	-	-	-	-	-	Tb	-	L. Br G-11-19. Bo 9.
54	421132N0732134.1	do.	-	675.4	Dn	36.5	-	36.5R	-	-	12.4	-63:	Tb	-	L. Br G-11-7. Bo 1.
55	421132N0732134.2	do.	-	671.0	Dn	36.2	-	-	-	-	-	-	Tb	-	L. Br G-11-7. Bo 5.
56	421235N0732311.1	do.	-	732	Dn	14	-	-	-	-	-	-	Tb	-	L. Br G-11-10.
57	421115N0732334.1	John F. Fitzgerald	-	760	Dr	-	-	-	uk	br	80	-63:	D	-/E	
58	421213N0731634.1	Mass. Dept. Natural Resources	1959	2100	Dr	217	8	0	gn	br	28.2	7-24-63:	-	-	Y 10-12.
59	421148N0732005.1	U.S. Geol. Survey	1963	740	A	35.94	1.25	-	t	t	10.20	8-21-63:	O,T	-	L. W.
60	421353N0732107.1	Robert Beckwith	1946	705	Du	15.5	36	-	uk	un	13.84	11- 7-63:	D	-/E	
61	421050N0732335.1	Harold Whitman	1932	720	Dn	11	1.25	-	g	un	-	-	D	P/E	
62	421116N0732450.1	Martin DePrima	-	760	Dn	15	1.25	-	g	un	10	-64:	D	J/E	
63	421356N0732100.1	Francis Ebitz	1957	705	Dr	132	-	-	s,g	ow	-	-	D	-/E	L.
64	421127N0732418.1	U.S. Geol. Survey	1964	725	A	21	-	19-21R	-	-	5	12- 9-64:	T	-	L.
65	421506N0732008.1	do.	1964	860	A	102	-	-	-	-	-	-	T	-	L.
66	421116N0732450.1	do.	1964	735	A	14	-	14R	-	-	5	6- 9-64:	T	-	L.
						HANCOCK									
2	422814N0732035.1	Pittsfield State Forest	-	1700	Dr	175	6	-	sh	br	-	-	PS/N	-/E	
11	422549N0732140.1	Francis D. Gagnon	1960	1430	Dr	225	6	41	sh	br	24	4-21-64:	D	Sb/E	L. CA. Y 10.
						HINSDALE									
1	422530N0730509.1	Ralph E. Pratt	-	1510	Du	10.6	36	-	t	t	12	-34:	PS	P/M	L. CA.
2	422656N0730504.1	Everett Dill	1951	1584	Dr	68	6	-	t	t	18	-51:	D	J/E	L. Y 1.5.
3	422535N0730646.1	Mass. Dept. Pub. Wks	-	1430	Dn	76.1	-	-	-	-	-	-	Tb	-	L. MDPW Blueprint, Hinsdale Sta. 121-64, State file V-18. Bo 2.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Use	Type of pump/power	Remarks
						HINSDALE (Continued)									
4	422535N0730646.2	Mass. Dept. Pub. Wks: -	-	1430	Dn	69.2	-	-	-	-	-	-	Tb	-	L. MDPW Blueprint, Hinsdale Sta. 121-64, State file V-18. Bo 3.
5	422533N0730715.1	W. Galeucia	1953	1520	Dr	160	6	96	gn	br	-	-	D	-	Y 6.
6	422529N0730652.1	Mass. Dept. Pub. Wks: -	-	1440	Dn	16	-	-	-	-	-	-	Tb	-	L. Br H-16. Bo 14A.
7	422621N0730735.1	do.	-	1475	Dn	6	-	-	-	-	-	-	Tb	-	L. Br H-16. Bo 15.
8	422534N0730714.1	R. Wierum	1962	1515	Dr	160	6	130	gn	br	70	11- -62:	D	Sb/E	Y 3.5. CA.
9	422359N0730558.1	-	-	1545	Du	14.0	30	-	t	t	4.45	5- 5-65:	D	-	
						LANESBOROUGH									
2	423045N0731453.1	Thomas DiMashe	1950	1188	Dr	120	6	-	g	un	8	-50:	D	-/E	L. Y 2.
3	423135N0731342.1	Ernest Philips	1949	1162	Dr	73	6	57.5	ls	br	6	-49:	D	J/E	L. Y 3.
4	423251N0731315.1	Mr. Walker	1952	1370	Dr	169	6	77	qtz	br	145	2- 1-52:	D	J/E	L. Y 10.
6	422925N0731414.1	Perry J. Baker	-	1105	Du	22	24	-	uk	un	-	-	C,D	-/E	
7	423121N0731356.1	Lanesborough Village: Fire & Water Dist.	1938	1121	Dn	24	2.5	32R	s,g	ow	2	10- -38:	PS	-	L. Y 19; dd 10.64 after 96 hrs.
8	423121N0731356.2	do.	1938	1122	Dn	29.2	2.5	40.5R:	s,g	ow	1±4	10- -38:	PS	-	L. Y 30; dd 8.03 after 96 hrs. at 19.
9	423121N0731356.3	do.	1938	1128	Dn	31	2.5	-	s,g	ow	1.35	10- -38:	PS	-	L. Y 25; dd 7.56 after 96 hrs. at 19.
10	423121N0731356.4	do.	1938	1123	Dn	30.3	2.5	-	s,g	ow	.85	11-15-38:	PS	-	L. Y 25; dd 8.16 after 96 hrs. at 19.
11	423121N0731356.5	do.	1938	1123	Dn	32.3	2.5	-	s,g	ow	4.65	-38:	PS	-	L. Y 19; dd 7.87 after 96 hrs.
12	423121N0731356.6	do.	1938	1122	Dn	24.2	2.5	-	s,g	-	3.65	10-21-30:	PS	-	L. Y 19; dd 7.69 after 96 hrs.
13	423121N0731356.7	do.	1938	1119	Dn	32	2.5	42R	s,g	ow	.85	-38:	PS	-	L. Y 10.
14	423121N0731356.8	do.	-	1120	Dn	38	2.5	42.5R:	s,g	ow	-	-	PS	-	L.
15	423121N0731356.9	do.	-	1120	Dn	25±5	2.5	-	uk	ow	-	-	PS	-	
16	423121N0731356.10	do.	1938	1121	Dn	25±5	2.5	-	uk	ow	-	-	PS	-	
17	423121N0731356.11	do.	1938	1121	Dn	29.5	2.5	-	s,g	ow	.75	9-29-38:	PS	-	L. Y 30.
18	423121N0731356.12	do.	1938	1120	Dn	25±5	2.5	-	uk	ow	-	-	PS	-	
19	423121N0731356.13	do.	1938	1120	Dn	25±5	2.5	-	uk	ow	-	-	PS	-	
20	423121N0731356.14	do.	1938	1120	Dn	25±5	2.5	-	uk	ow	-	-	PS	-	
21	423121N0731356.15	do.	1938	1120	Dn	25±5	2.5	-	uk	ow	-	-	PS	-	
23	423020N0731436.1	Miles Hapgood	1932	1132	Dr	200	6	30	sh	br	30	-32:	D	-/E	L. Y 10; dd 150 after 4-5 hrs.
24	423046N0731429.1	Albert Carlson	1932	1180	Dr	150	5	25	sh	br	30	-32:	D	-/E	L. Y 7; dd 15 after 8 hrs. CA.
25	423013N0731477.1	George Peron	1932	1140	Dr	164	5	8	sh	br	25-30	-32:	D	-/E	L. Y 11; dd 40±10 after 3 hrs.
26	422957N0731412.1	Mrs. Albert Baker	1932	1115	Dr	71	5	12	sh	br	12	-32:	D	C/E	L. Y 15; dd .5 after 2 hrs.
27	423142N0731344.1	Joseph Wirtes	1962	1145	Dr	150	6	-	s,g	ow	-	-	C	J/E	L. CA.
28	423306N0731251.1	William H. Tague, Jr:	1955	1560	Dr	125	6	30	sh	br	50	-55:	D	J/E	CA.
29	423251N0731312.1	Darrell T. Croshire :	1963	1363	Dr	288	6	113	ls	br	72.9	4- 7-64:	O,N	-	L. W. Producing horizon 225.
30	423016N0731634.1	John Maruk	1955	1195	Dr	70	6	20	ls	br	25	-55:	-	J/E	L. Y 10; dd 0 after 48 hrs.CA.
31	423235N0731355.1	Mass. Dept. Pub. Wks:	-	1164	Dn	15.5	-	-	-	-	-	-	Tb	-	L. Br L-3-2. Bo 4.
32	423117N0731354.1	Lanesborough Village: Fire & Water Dist.	1954	1150	Dr	52	12	52	s,g	ow	6.3	3- -54:	PS	T/E	L. Y 250; dd 14.79 after 48 hrs. at 302.
33	423034N0731409.1	do.	1964	1100	Dr	57	18	-	s,g	un	-	-	-	-	L. Y 608; dd 17 after 72 hrs. CA.
34	423346N0731324.1	U.S. Geol. Survey	1964	1290	A	21	-	21R	-	-	dry	12-14-64:	T	-	L.
35	423108N0731536.1	do.	1964	1162	A	79	-	-	-	-	-	-	T	-	L.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
							LEE								
1	42163[illegible]2741.1	Hurlbut Paper Co.	1940	855	Dr	239	-	-	s	ow	-	-	N	-	L. A.
2	42161N0731731.1	do.	1941	855	Dr	780	8	-	ls	br	12.50	-41	N	-	Y 80.
3	42[illegible]628N0731736.1	do.	1949	885	Dr	378	8	260	ls	br	<20	10- -49	N	-	L.
4	421646N0731631.1	do.	1943	845	Dr	648	6	45	ls	br	flow	-43	In	T/E	L. Y 350; dd 91 after continuous pumping. CA.
5	421637N0731554.1	do.	-	860	Dr	>268	6-8	18	ls	br	<20	10- -49	T/N	N	Y 50-75.
6	421634N0731649.1	do.	-	845	Dr	100	-	-	s,g	un	-	-	T/N	-	L. A. Flow 20. Y 94; dd 12 after 5 hrs.
7	421638N0731647.1	Mr. McElroy	1948	850	Dr	44	6	7.5	ls	br	6	-48	D	-/E	L. Water level 10-11 in 1949.
8	421641N0731645.1	W. Powers	1947	872	Dr	45	6	12	uk	br	15	-47	D	-/E	
9	421639N0731637.1	Frank Dow, Jr.	1948	850	Dr	30	6	10	ls	br	5	-48	D	-	Y 15.
10	421639N0731637.2	Mr. Wilson	-	850	Dr	60	6	3	uk	br	-	-	-	-	Y 3.
11	421633N0731636.1	Clesson Charter	1949	890	Dr	87	6	50	gn	br	25	-49	D	-	Y 10+. Hard water.
12	421648N0731640.1	Al Griffin	1948	875	Dr	-	6	-	g	un	-	-	D	J/E	Y 1.5.
13	421622N0731635.1	James Grews	1947	950	Dr	115	6-4	-	s,g	un	flow	10-13-49	D,S	-	L. Y .2.
14-15	421627N0731618.1-2	Oak & Spruce Inn	1948	860	Dr	114	6-4	-	s	un	-	-	N	-	L. Very little yield.
16	421736N0731637.1	Mr. Loncope	1921	1055	Dr	350	-	20	ls	br	-	-	-	-	Yield increased from 2-3 to 20 by dynamiting.
17	421733N0731317.1	A. E. McElroy	1949	1070	Dr	28	6	-	s,g	un	8	-49	D	-/E	L. Y 4.
18	421752N0731313.1	Hurlbut Paper Co.	-	-	Dr	72	6	15	ls	br	-	-	-	-	Y 6.
21	421853N0731451.1	Smith Paper Co.	1941	920	Dr	660	8	58	ls	br	-	-	N	-	L. Y 60.
23	421916N0731414.1	do.	1947	935	Dr	19	-	13	s,g	icd	-	-	T/N	-	A. Dry hole.
24	421916N0731414.2	do.	1947	930	Dr	30	8	27	g,s	icd	-	-	T	-	L. Y 40; dd 10 after 7 hrs.
25	421916N0731424.1	do.	1947	913	Dr	42	8	-	uk	un	.5	-47	T	-	Y 60.
27	421809N0731525.1	Greenock Country Club	1951	962	Dr	174	6	56	ls	br	2	-51	D,Ir	-/E	Y 15; dd 140 after 13 hrs. L.
28	421854N0731603.1	W. B. O. Fields	1921	1050	Dr	505	6	2.5	dolo	br	15	-21	D	-/E	Y 20; dd 60 after 8 hrs. L. Hard water.
29	421742N0731648.1	E. C. Carter	1930	1052	Dr	280	6	28	ls	br	15	-30	D	-/E	L. Y 20; dd 85 after 4-5 hrs. Hard water.
30	421648N0731629.1	H. A. Ford	-	852	Du	12	30	-	uk	un	8	-38	-	P/M	Hard water.
31	421916N0731438.1	Kenneth E. Morrell,Jr.	1952	940	Dr	75	6	-	g	ow	5	5-19-52	D	J/E	L. Y 10. CA.
32	421917N0731439.1	Evelyn James	1952	954	Dr	98	6	46.5	ls	br	15	-52	D	P/M	L. Y 6. Hard water.
33	421735N0731543.1	-	1951	962	Dr	72	6	40	ls	br	15	-51	D	-/E	L. Y 2.5.
36	421740N0731422.1	Mass. Dept. Pub. Wks.	-	860	Dn	27	-	-	-	-	-	-	Tb	-	L. Br L-5-6. Bo 2.
37	421815N0731505.1	do.	-	884	A	11	-	-	-	-	-	-	Tb	-	L. Br L-5-10. Bo 1.
42	421839N0731343.1	Abby and Sons	1958	1050-1070	Dr	44	6	37	ls	br	flow	10-24-63	In	N	Y 5; dd 8.8 after 4 hrs. CA.
43	421839N0731343.2	do.	1958	1050-1070	Dr	125	6	-	ls	br	.12	10-24-63	In	N	
44	421839N0731343.3	do.	1958	1050-1070	Dr	49	6	-	ls	br	9.18	10-24-63	In,O	N	Y 5+; dd 8.45 after 4 hrs.
46	421742N0731019.1	Mrs. Besancon	1945	1362	Dr	255	6	235	gn	br	30	-45	D	J/E	Y 30. CA.
47	421742N0731020.1	Joseph Lawrence	1963	1372	Dr	270	6.5	264	gn	br	46	-63	-	Sb/E	Y 150.
48	421625N0731442.1	Edwin O. Drake	-	850	Du	8.7	36	-	s,g	ow	4.36	4-16-64	C,D	J/E	CA.
49	422040N0731440.1	R. J. Sweitzer Div. Kimberly Clark Co.	1956	970	Dr	47	18	-	s,g	icd	3	-56	In	T/E	Y 150.
50	421743N0731047.1	U.S. Geol. Survey	1964	1295	A	64	-	64R	-	-	12	12- 6-64	T	-	L.
51	421633N0731621.1	do.	1964	850	A	27	-	27R	-	-	13	12- 5-64	T	-	L.
52	422056N0731430.1	Kimberly Clark Co.	1965	955	Dr	80	8	-	s,g	icd	-	-	T	-	L. Y 305. CA.
53	422056N0731438.1	R. J. Sweitzer Div. Kimberly Clark Co.	1956	-	Dr	110	18	110	s,g	icd	3	-56	In	T/E	Y 850.
54	421750N0731654.1	Mass. Turnpike Auth.	1955	1037	Dn	15	-	-	-	-	4.5	-55	Tb	-	L. Cont 51-010. Bo 184.
55	421750N0731627.1	do.	1955	1033	Dn	8.6	-	-	-	-	8.0	-55	Tb	-	L. Cont 51-010. Bo 198.
56	421748N0731600.1	do.	1955	988	Dn	10	-	-	-	-	986.1	-55	Tb	-	L. Cont 51-010. Bo 203.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Use	Type of pump/power	Remarks
						LEE (Continued)									
57	421745NO731540.1	Mass. Turnpike Auth.	1955	921	Dn	4.5	-	-	-	-	2.0	-55:	Tb	-	L. Cont 51-010. Bo 209.
58	421748NO731506.1	do.	1955	921	Dn	8	-	-	-	-	6.0	-55:	Tb	-	L. Cont 51-010. Bo 218.
59	421750NO731453.1	do.	1955	953	Dn	17	-	-	-	-	10.0	-55:	Tb	-	L. Cont 51-010. Bo 221.
60	421753NO731422.1	do.	1955	948	Dn	20.8	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 229.
61	421753NO731413.1	do.	1955	891	Dn	15	-	-	-	-	2.5	-55:	Tb	-	L. Cont 51-010. Bo R4.
62	421756NO731357.1	do.	1955	932	Dn	18	-	-	-	-	3.5	-55:	Tb	-	L. Cont 51-010. Bo 237.
63	421800NO731337.1	do.	1955	1058	Dn	50	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 242.
64	421805NO731243.1	do.	1955	1126	Dn	15	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 276.
65	421807NO731226.1	do.	1955	1152	Dn	50.5	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 296.
66	421803NO731212.1	do.	1955	1185	Dn	5	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 301.
67	421802NO731149.1	do.	1955	1269	Dn	40	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 316.
68	421800NO731129.1	do.	1955	1274	Dn	40	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 330.
69	421750NO731110.1	do.	1955	1268	Dn	15	-	-	-	-	3.0	3-30-55:	Tb	-	L. Cont 51-010. Bo 340.
70	421745NO731058.1	do.	1955	1283	Dn	20	-	-	-	-	2.5	-55:	Tb	-	L. Cont 51-010. Bo 31.
71	421740NO731045.1	do.	1955	1305	Dn	25	-	-	-	-	2.0	-55:	Tb	-	L. Cont 51-010. Bo 31B.
72	421735NO731019.1	do.	1955	1396	Dn	20	-	-	-	-	1.5	-55:	Tb	-	L. Cont 51-010. Bo 35.
73	421730NO730957.1	do.	1955	1370	Dn	25	-	22.5R:	-	-	7.0	-55:	Tb	-	L. Cont 51-010. Bo 38.
74	421625NO731443.1	U.S. Geol. Survey	1963	850-860:	A	57	-	-	-	-	6.70	11-22-63:	T	-	L.
75	421625NO731443.2	do.	1963	850	A	57	-	-	-	-	4	11-22-63:	T	-	L.
76	421625NO731443.3	do.	1963	850	A	57	-	-	-	-	4.5	11-22-63:	T	-	L.
77	421839NO731343.1	do.	1963	2000	A	37	-	37	-	-	-	-	T	-	L.
						LENOX									
1	422222NO731616.1	Herbert P. North	1949	1055	Dr	67	6	20	ls	br	20	-49:	D	J/E	L. Y 8.
2	422253NO731802.1	Gifford & Durant	1949	1358	Dr	191	6	22	sh	br	96	-49:	D	J/E	L. Y 9.
3	422313NO731527.1	Edward J. Baczek	1950	1007	Dr	44	6	23	ls	br	12	-50:	D	-/E	L. CA. Y 100+; dd 6 after 8 hrs.
4	422358NO731524.1	Walter K. Parker	1950	992	Dr	132	6	36	ls	br	5	-50:	C,D	-/E	L. Y 5. Trailer camp.
5	422332NO732255.1	Ambrose McIntyre	1950	1087	Dr	193	6	14	ls	br	12	-50:	D	J/E	L. Y .75.
6	422324NO731623.1	Leon Abert	1951	1250	Dr	155	6	40	sh	br	26	-51:	D	N	L. Y 10.
7	422114NO731504.1	Michael Hogan	1950	1042	Dr	133	6	77	ls	br	15	-50:	D	J/E	L. Y 3.
8	422132NO731702.1	Walcott Gregory	1929	1238	Dr	288	4	40	sh	br	20	-29:	N	-/E	L. Y 12; dd 20-25 after 6 hrs.
9	422152NO731659.1	John Shepard	1930	1350	Dr	600	6	0	sh	br	20	-30:	D	-	L. Y 25-30; dd 430 after 30 hrs at 25.
10	422041NO731645.1	Our Lady of Mercy Preparatory School	1948	1140	GP	90	12	-	ls	br	-	-	C	-	Y 35. Hard water.
11	422034NO731517.1	William Halliwell	1950	1102	Dr	700	6	43	ls	br	22	-50:	D,S	P/E	L. Y 3. Hard water.
19	421956NO731450.1	Smith Paper Co.	1920	940	Dr	750	8	-	uk	br	-	-	-	-	Y 19-35.
20	421956NO731450.2	do.	1920	940	Dr	1118	8	-	uk	br	-	-	-	-	Y 100.
33	422315NO731419.1	Mass. Dept. Pub. Wks.	-	970	Dn	46	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 1.
34	422315NO731419.2	do.	-	970	Dn	47	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 1A.
35	422315NO731419.3	do.	-	970	Dn	7.5	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 2.
36	422315NO731419.4	do.	-	970	Dn	6	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 2A.
37	422315NO731419.5	do.	-	970	Dn	6	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 2B.
38	422315NO731419.6	do.	-	970	Dn	49	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 2C.
39	422315NO731419.7	do.	-	970	Dn	54	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 3.
40	422315NO731419.8	do.	-	970	Dn	57	-	-	-	-	-	-	Tb	-	L. Br L-7-6. Bo 4.
41	422359NO731604.1	do.	-	1120	Dn	10.5	-	-	-	-	-	-	Tb	-	L. Br L-7-9. Bo 1.
42	422343NO731447.1	U.S. Geol. Survey	1963	960	A	26	-	-	s,st	ow	9.55	11-27-63:	T,O	-	L. W.
43	422334NO731411.1	do.	1964	970	A	122	-	-	-	-	4	12-14-64:	Tb	-	L.
44	422227NO731513.1	Town of Lenox	1964	960	Dn	36	-	-	-	-	-	-	T	-	L.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
						LENOX (Continued)									
45	422106NO731431.1	Town of Lenox	-	957	Dn	70	-	-	-	-	9.7	1- 5-65	T	-	L.
46	421958NO731443.1	do.	1964	895	Dn	18	-	-	-	-	-	-	T	-	L.
47	421957NO731444.1	do.	1964	895	Dn	27	-	-	-	-	-	-	T	-	L.
48	422143NO731446.1	do.	1964	915	Dn	10	-	-	-	-	-	-	T	-	L.
49	422155NO731449.1	do.	1964	910	Dn	37	-	-	-	-	-	-	T	-	L.
50	422158NO731448.1	do.	1964	910	Dn	14	-	-	-	-	-	-	T	-	L.
51	422157NO731448.1	do.	1964	910	Dn	16	-	-	-	-	-	-	T	-	L.
52	422129NO731802.1	do.	1965	1040	Dn	39	-	-	-	-	-	-	T	-	L.
53	422148NO731813.1	do.	1965	1050	Dn	55	-	-	-	-	6	2- 5-65	T	-	L. Y 20.
54	422146NO731816.1	do.	1965	1060	Dn	46	-	-	-	-	-	-	T	-	L.
55	422145NO731813.1	do.	1965	1045	Dn	61	-	-	-	-	-	-	T	-	L.
56	422146NO731815.1	do.	1965	1050	Dn	35	-	-	-	-	-	-	T	-	L.
57	422146NO731816.2	do.	1965	1060	Dn	16	-	-	-	-	-	-	T	-	L.
58	422148NO731814.1	do.	1965	1055	Dn	33	-	-	-	-	-	-	T	-	L.
59	422214NO731836.1	do.	1965	1065	Dn	62	-	-	-	un	-	-	T	-	L.
60	422218NO731843.1	do.	1965	1065	Dn	68	-	-	-	un	-	-	T	-	L.
						MONTEREY									
1	421108NO731705.1	J. G. Stevens	1948	1170	Dr	170	6	60	ls	br	155	-48	D	-/E	L. Y 4.
2	421117NO731542.1	H. R. Leonhard	1951	1230	Dr	78	6	-	g,s	un	22	11-15-51	D	J/E	L. Y 3; dd 4 after 72 hrs.
3	421142NO731229.1	James C. Pearson	1950	1402	Dr	124	6	73	ls	br	50	-50	D	J/E	L. Y 2.5.
4	421203NO731220.1	do.	1951	1475	Dr	132	6	33	ls	br	32	-51	D	J/E	L. Y 8; dd <88 after 8 hrs.
5	421148NO730948.1	Paul Haenel	1951	1332	Dr	35	6	26	gn	br	12	-51	D	-/E	L. Y 30; dd 6 after 4 hrs.
6	421047NO731511.1	Avalon School	-	1200	Dr	120	6	-	uk	br	-	-	PS	-/E	
7	421032NO731704.1	Arthur Teggie	-	914	Dn	35±5	-	-	s	un	-	-	PS	-/E	T 60.
8	420133NO731702.1	do.	-	914	Dn	35	-	-	s	un	-	-	PS	-/M	T 54. Hard water.
9	421034NO731710.1	do.	-	930	Dn	35	-	-	s	un	-	-	PS	-/E	T 63.
10	421003NO731056.1	Hephzibah Heights Bible Society	-	1750	Dr	505	6	25	gn	br	-	-	PS	P/E	L.
11	421125NO731235.1	Mass. Dept. Pub. Wks	1949	1285	Dn	30	-	20	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 1. Dike construction.
12	421125NO731235.2	do.	1949	1285	Dn	30	-	25	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 2. Dike construction.
13	421125NO731235.3	do.	1949	1285	Dn	30	-	-	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 3. Dike construction.
14	421125NO731235.4	do.	1949	1285	Dn	30	-	20	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 4. Dike construction.
15	421125NO731235.5	do.	1949	1285	Dn	25	-	-	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 5. Dike construction.
16	421125NO731235.6	do.	1949	1285	Dn	30	-	20	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 6. Dike construction.
17	421125NO731235.7	do.	1949	1285	Dn	30	-	20	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 7. Dike construction.
18	421125NO731235.8	do.	1949	1285	Dn	30	-	2	-	-	-	-	Tb	-	L. A. Cont 1123. Bo 8. Dike construction.
19	421112NO731551.1	Mass. Dept. Natural Resources	1863?	1275	Du	20.6	48	-	uk	un	14.0	8-11-63	D	P/M	
20	421118NO731600.1	Kenneth A. Warner	1958	1300	Dr	225	8	-	uk	br	-	-	D,S	-/E	
21	421101NO731430.1	Charles Zenos	1955	1170	Du	19.50	36	-	t	t	10.92	9- 6-63	C,D	-/E	CA.
22	421100NO731430.1	Carl Jasperson	1964	1170	GP	16.5	36	-	t	t	12.48	9-15-64	D	-	L.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Use	Type of pump/power	Remarks
							NEW MARLBOROUGH								
1	[illegible]	Mass. Dept. Pub. Wks.	1952	693.3	Dn	22.8	-	22.8R	-	-	0	3- -52	Tb	-	L. Br N-8-7. Bo 1.
2	[illegible]	do.	1952	691.8	Dn	23.7	-	23.7R	-	-	.5	3- -52	Tb	-	L. Br N-8-7. Bo 2.
3	420358N0731705.3	do.	1952	696.5	Dn	34.3	-	34.3R	-	-	4.2	3- -52	Tb	-	L. Br N-8-7. Bo 3.
4	420358N0731705.4	do.	1952	697	Dn	32.7	-	32.7R	-	-	6	3- -52	Tb	-	L. Br N-8-7. Bo 4.
5	[illegible]	U.S. Fish & Wildlife	1928	980	Dr	20	6	.5	qtz	br	flow	6-24-52	C	N	L. Y 40. CA. Flow 40.
6	[illegible]	do.	1928	980	Dr	31	6	.5	qtz	br	flow	6-24-52	C	N	L. Y 60. Flow 60. CA.
7	[illegible]	do.	1928	980	Dr	31	6	.5	qtz	br	flow	6-24-52	C	-	Y 75. CA. Flow 75.
8	420953N0731506.4	do.	1928	980	Dr	67	6	-	-	-	dry	6-24-52	C	-	L. A. CA.
9	420953N0731506.5	do.	1928	980	Dr	31	8	.5	qtz	br	3	6-24-52	C	-	L. CA.
10	420953N0731506.6	do.	1928	980	Dr	31	8	-	qtz	br	flow	6-24-52	N	-	CA. If no. 10 capped, no. 11 flows. If nos. 11 & 9 capped, no. 10 flows.
11	[illegible]	do.	1928	980	Dr	30.5	8	.5	qtz	br	flow	6-24-52	N	-	L. CA.
12	[illegible]	do.	1928	980	Dr	100	-	-	qtz	br	-	-	-	-	Y 3.
13	420542N0731625.1	Pratt L. Tobey	1950	782	Dr	54	6	34	ls	br	12	-50	D	-/E	L. Y 8.
14	420306N0731713.1	George Green	1951	699	Dr	141	6	10	ls	br	21	-51	D	J/E	L. Y 3.
15	420555N0731356.1	Turner & Cook, Inc.	1937	1225	Dr	198	8	65	gn	br	flow	6-24-52	C,PS	-/E	Y 38. Flow 10+.
16	420712N0731606.1	Central School	1940	882	Dr	442	6	15	ls	br	20	-41	PS	-/E	L. Y 30; dd <150 after 5 hrs. Producing horizon 430.
17	[illegible]	Mass. Dept. Pub. Wks.	1939	860	Dn	33	-	-	-	-	-	-	Tb	-	L. Br N-8-16. Bo 1.
18	420938N0731533.2	do.	1939	860	Dn	21	-	-	-	-	-	-	Tb	-	L. Br N-8-16. Bo 2.
20	420938N0731533.3	do.	1939	860	Dn	35	-	-	-	-	-	-	Tb	-	L. Br N-8-16. Bo 3.
21	[illegible]	do.	1939	860	Dn	20	-	-	-	-	-	-	Tb	-	L. Br N-8-16. Bo 4.
22	420412N0731552.1	Theresa Badurski	1958	1410	Dn	76	7	-	gn	br	78	-58	D	-/E	
23	420348N0731319.1	Tony Mashaleski	-	1380	Du	-	30	-	uk	un	-	-	N	-	
24	420524N0731204.1	Paul Sweeney	1935	1550	Dr	-	-	-	gn	br	-	-	D,Ir	-/E	
25	[illegible]	do.	-	1550	Du	20.1	36	-	t	t	7.45	7-11-63	N	-	
26	420534N0731418.1	William Wilkenson	-	1050	Du	16	-	-	g	un	-	-	D	-/E	
27	420537N0731430.1	Amy E. Wing	-	1060	Du	4.2	36	-	uk	un	.9	7-16-63	D	-	
28	[illegible]	do.	1933	1100	Dr	285	-	-	gn	br	30-40	7-16-63	D	-/E	
29	[illegible]	do.	-	1120	Du	8-10	-	-	uk	un	-	-	D	N	
30	420540N0731441.1	do.	-	1160	Du	6.8	36	-	g	un	6.5	7-16-63	D	N	
31	420529N0731600.1	Sherman B. Carll	-	870	Du-Dn	11.9	36	-	uk	un	10.9	7-16-63	D	-/E	
33	[illegible]	Mr. Rosenstien	-	-	Dr	180	4	-	uk	un	-	-	D,S	P/E	
34	[illegible]	Lorenzo Johnson	-	720	Du	30	30	-	uk	un	-	-	D,N	P/M	
35	420607N0731517.1	Harry Rahm	1963	980	Du	15	36	-	uk	un	8.5	-63	D	P/M	
36	[illegible]	Erech Liebsch	1960	950	Du	13.3	36	-	uk	un	7.5	7-17-63	D,S	-/E	
37	420522N0731514.1	George Rhodes	1959	1120	Du	18.1	36	-	t	t	12.4	7-17-63	D	-/E	CA.
38	[illegible]	Robert Pryor	1800?	1485	Du	28.95	30	-	t	t	23.42	8-14-63	D	J/E	
39	[illegible]	do.	-	1465	Du	16.40	40	-	t	t	10.65	8-14-63	D	-/E	
40	420317N0731345.1	do.	-	1060	Du	11.97	36	-	uk	un	9.67	-63	-	-/E	
41	[illegible]	Elliott Blanstein	1954	1240	Du	18.84	36	-	cl	un	16.3	-63	D,N	-/E	
42	[illegible]	John Potosky	1963	1290	Du	17.7	36	-	t	t	10.41	8-14-63	N	-	
43	420504N0731224.1	Ethel I. Bower	1962	1510	Dr	-	8	-	gn	br	-	-	D	-	
44	420505N0731223.1	do.	-	1510	Du	17.8	36	-	t	t	14.27	9- 4-63	N	-	
45	420940N0731516.1	Frank Kellogg	-	945	Du	3.50	36	-	g	un	2.79	9- 5-63	N	W	Well condemned.
46	[illegible]	Ralph Chamberlain	1942	945	Du	4.3	36	-	g	un	2.68	9- 5-63	D	-/E	T 52.
47	[illegible]	Edward Stalkes	1800?	975	Du	34.30	36	-	uk	un	22.82	9- 5-63	D,Ir,S	-/E	T 51.
48	[illegible]	Edward Mayilauskas	-	1020	Du	29.0	36	-	uk	un	17.08	9- 5-63	D	-/M	T 51.
49	[illegible]	-	-	1008	Du	18.4	48	-	uk	un	15.79	9- 5-63	-	-/M	T 50.
50	[illegible]	Norman Hanky	1957	850	Du	5.21	36	-	uk	un	2.54	-57	D	-/E	T 52.
51	[illegible]	Rev. J Seacord Estate	-	1490	Du	17.6	30	-	uk	un	15.04	11- 7-63	D	-/E	
52	420835N0731628.1	Howard Nourse	1964	980	Dr	113	6	60	ls	br	18.9	9-30-64	D	N	L.
53	420426N0731713.1	U.S. Geol. Survey	1965	405	A	82.5	-	82.5R	-	un	>10	6- 5-65	T	-	L.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
								PITTSFIELD							
1	422712N0731418.1	General Electric Co.	1931	988	Dr	2005	8	47	ls	br	10.5	-31:	N	-	Y 1038; dd 110 after 8 hrs.
2	422639N0731404.1	Model Dairy	1929	990	Dr	463	6	32	ls	br	14	-52:	In	-/E	L. Cavern at 300 ft. Y 92.
3	422712N0731337.1	Pittsfield Coal and Gas Co.	1924	1000	Dr	350	6	35	dolo	br	12	-24:	D	-	L. A. Y 200; dd 33 after 48 hrs.
4	422710N0731526.1	Pittsfield Milk Exchange	1928	1078	Dr	595	10	70	uk	br	40	6-17-52:	C	-/E	L. Y 180; dd <60 after 6 hrs. at 90.
11	422808N0731133.1	Crane Paper Co., Inc.	1930	1015	Dr	850	12	105	ls	br	flow	10- -49:	D,In	C/E	Y 700; dd 17 after 144 hrs. at 400.
12	422833N0731111.1	do.	1935	1065	Dr	362	12	70	ls	br	flow	10- -49:	In	-/E	Temporarily flowed at 1200; dd 10 after 770 hrs. Well penetrates fault zone with limestone, schist, and quartzite. Y 1400.
13	422803N0731145.1	do.	1909	1002	Dr	736	12	-	uk	br	flow	-09:	N	-	Unsuccessful well. High iron content.
14	422809N0731144.1	do.	1889	1044	Dr	450	-	-	uk	br	flow	1889:	N	-	Do.
15	422805N0731141.1	do.	1909	1002	Dr	683	12	-	uk	br	-	-	N	-	Do.
16	422820N0731140.1	do.	1889	1102	Dr	-	-	-	uk	br	-	-	N	-	Do.
17	422824N0731128.1	do.	1909	1080	Dr	375	12	-	uk	br	flow	-09:	N	-	Do.
18	422844N0731610.1	C. D. Marcell	1904	1090	Dr	85	5	.5	ls	br	25	-04:	D,In/N	P/M	L. A. Y 8.
19	422839N0731606.1	George Burbank	1904	1090	Dr	28	5	0	ls	br	2	-04:	D/N	P/M	L. A. Y 15; dd 0 after 2 hrs.
21	422139N0731430.1	Julius Boyer	1904	1136	Dr	65	5	10	sh	br	15	12- -04:	D/N	P/M	L. A. Y 2-3.
22	422927N0731431.1	Mike Grady	1905	1180	Dr	125	5	15	sh,ls	br	60	-05:	D/N	P/M	L. A. Y 2.
23	422928N0731436.1	J. P. Sayles	1904	1164	Dr	65	5	25	sh,ls	br	30+5	9- -04:	D/N	P/M	L. A. Y 2-3.
24	422929N0731433.1	Jason Shepardson	1904	1144	Dr	57	5	12	sh	br	32	9- -04:	D/N	P/M	L. A. Y 2.
25	422934N0731428.1	Ad Chapel	1905	1116	Dr	60	5	10	ls	br	20	-05:	N	-/M	L. A. Y 20+; dd 0 after 6 hrs
26	422540N0734246.1	Pittsfield Municipal Airport	1947	1182	Dr	141	10	70	ls	br	10	-47:	N	N	L. A.
27	422528N0731621.1	Reinhold Ullrich	1928	1080	Dr	300	4	25	uk	br	25-30	-28:	N	N	L. A.
28	422700N0731524.1	New England Cold Storage	1905	1012	Dr	300	8	55	ls	br	20	-05:	N	N	L. Y 50; dd 25 after 9-10 hrs
29	422630N0731756.1	Mrs. Freihoffer	1913	1062	Dr	169	5	15	ls	br	30-35	-13:	D/N	P/M	L. A. Y 4-5.
30	422644N0731727.1	Edward Tierney	1907	1058	Dr	62	5	15	uk	br	15	-07:	D/N	P/M	L. A. Y 5.
31	422549N0731914.1	Edward Skinner	1905	1135	Dr	65	5	42	uk	br	30	-05:	D/N	-	L. A. Y 15; dd 15 after 2 hrs
32	422826N0731449.1	Mass. Dept. Pub. Wks.	-	1037	Dn	10.6	1	10.6R	-	-	-	-	Tb	-	L. Br P-10-41. Bo 1.
33	422826N0731449.2	do.	-	1041	Dn	13.8	1	13.8R	-	-	-	-	Tb	-	L. Br P-10-41. Bo 2.
34	422826N0731449.3	do.	-	1035	Dn	10.8	1	10.8R	-	-	-	-	Tb	-	L. Br P-10-41. Bo 3.
35	422826N0731449.4	do.	-	1035	Dn	7.2	1	7.2R	-	-	-	-	Tb	-	L. Br P-10-41. Bo 4.
36	422826N0731449.5	do.	-	1037	Dn	10.7	1	10.7R	-	-	-	-	Tb	-	L. Br P-10-41. Bo 4A.
37	422826N0731449.6	do.	-	1038	Dn	9.5	1	9.5R	-	-	-	-	Tb	-	L. Br P-10-41. Bo 4B.
38	422710N0731220.1	do.	1938	984	Dn	40	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 1.
39	422710N0731220.2	do.	1938	985	Dn	25	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 2.
40	422710N0731220.3	do.	1938	985	Dn	40	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 4.
41	422710N0731220.4	do.	1938	985	Dn	23	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 5.
42	422710N0731220.5	do.	1938	986	Dn	25	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 6.
43	422710N0731220.6	do.	1938	985	Dn	23	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 7.
44	422710N0731220.7	do.	1938	985	Dn	25	1	-	-	-	-	-	Tb	-	L. Br P-10-30. Bo 8.
48	422618N0731810.1	do.	-	1035	Dn	9	1	9R	-	-	-	-	Tb	-	L. Br P-10-65. Bo 2.
49	422618N0731810.2	do.	-	1035	Dn	12	1	12R	-	-	-	-	Tb	-	L. Br P-10-65. Bo 3.
50	422618N0731810.3	do.	-	1035	Dn	12	1	12R	-	-	-	-	Tb	-	L. Br P-10-65. Bo 4.
51	422747N0731119.1	U. S. Geol. Survey	1963	1050	A	31.5	1.25	-	s	un	24.48	11-27-63:	O,T	-	L. W. T 47.
52	422925N0731637.1	do.	1963	1108	A	51	1.25	-	s,g	un	16.26	11-26-63:	O,T	-	L. W.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water Level	Water Date of measurement	Water Use	Type of pump/power	Remarks
								PITTSFIELD (Continued)							
53	422910N0731220.1	Berkshire Gravel Co.	1964	1000	Du	23.4	53	-	g	un	10.29	9- 9-64:	In	J/E	
54	422457N0731401.1	U.S. Geol. Survey	1964	970	A	122	-	-	-	-	10	12- 7-64:	T	-	L.
55	422602N0731254.1	do.	1964	990	A	122	-	-	-	-	-	-	T	-	L.
56	422904N0731215.1	do.	1964	998	A	98	-	98R	-	-	.5	12-16-64:	T	-	L.
57	422742N0731128.1	do.	1963	1045	A	62	-	-	-	-	-	-	T	-	L.
58	422746N0731130.1	do.	1963	1040	A	71	-	-	-	-	-	-	T	-	L.
59	432748N0731137.1	do.	1963	1010	A	22	-	22R	-	-	3	11-15-63:	T	-	L.
60	432748N0731140.1	do.	1965	1010	A	23.5	-	-	-	-	-	-	T	-	L.
61	432752N0731158.1	do.	1963	1015	A	34	-	-	-	-	-	-	T	-	L.
62	432752N0731158.2	do.	1963	1015	A	34	4	-	-	-	-	-	T	-	L.
63	432745N0731129.1	do.	1963	1040	A	55	-	-	-	-	13.5	11-20-63:	T	-	L.
64	422536N0731539.1	Berkshire Life Insurance Co.	1965	1020	Dr	420	8	10	ls	br	9	5- 5-65:	C	-	L. Y 300-500. Air conditioning.
65	422534N0731720.1	U.S. Geol. Survey	1963	1155	A	27	-	-	-	-	-	-	T	-	L.
66	422922N0731628.1	do.	1963	1105	A	24.5	-	24.5R	-	-	dry	11-20-63:	T	-	L.
67	422922N0731628.2	do.	1963	1100	A	35.5	-	35.5R	-	-	dry	11-20-63:	T	-	L.
								RICHMOND							
1	422121N0732232.1	Archibald Wilson	1948	983	Dr	43	6	11	ls	br	-	-	D	-/E	L. Y 5. Water level is 6 ft. May to Oct.; flows Oct. to May.
2	421106N0732352.1	Mrs. C. Buratto	1950	970	Dr	75	6	17	sh	br	15	-50:	D	-/E	L. Y 3.
3	422125N0732249.1	John Pellegrino	1948	980	Dr	21	6	21	g	un	18	-48:	D	-/E	L. Y 60; dd 0 after 6 hrs.
4	422108N0732336.1	Adolph Fruet	1949	960	Dr	78	6	27	ls	br	22	-49:	D	-/E	L.
5	422158N0732228.1	Armond Picard	1949	1030	Dr	90	6	43	ls	br	50	-49:	D,S	J/E	L. Y 10; dd 40 after 16 hrs.
6	422305N0732201.1	Robert C. Nicholas	1948	1122	Dr	120	6	68	ls	br	42	-48:	D	J/E	L. Y .5. CA.
7	422343N0732123.1	Fiorindo Castogna,Jr.	1950	1182	Dr	155	6	0	ls	br	15	-50:	D	-	L. Y 8; dd 140 after ½ hr.
8	422158N0732219.1	Howard Andrews	1951	1060	Dr	50	6	12	ls	br	8	-51:	D	-/E	L. Y 6.
9	422439N0731950.1	Mr. Fanning	1951	1123	Dr	72	6	52	ls	br	15	-51:	D	J/E	L. Y 10.
10	422148N0732024.1	Lawrence Fairfield	1962	1260	Dr	192	6	65	sh	br	65	-62:	D	Sb/E	CA. Y 4.
12	422458N0732012.1	Leslie Clark	1961	1175	Dr	280	6	50	ls	br	40	12- 2-64:	D,S	Sb/E	L. Producing horizon cavity in limestone at 280 ft.
								SHEFFIELD							
2	420926N0732158.1	Kimball's Motor Dispatch	-	685	Du	18	30	-	uk	un	10	6- -37:	In	-/E	A. Used as leaching pit for cesspool.
5	420850N0732156.1	Lane Construction Corp.	1950	664	Dn	18	2	-	s	ow	6	-50:	In	P/E	L. Y 7.5. Drawdown in Nos. 5, 6, and 7 combined is 12 after 8-10 hrs. at 22.
6	420850N0732156.2	do.	1950	664	Dn	18	2	-	s	ow	6	-50:	In	P/E	L. Y 7.5.
7	420850N0732156.3	do.	1950	664	Dn	22	2	-	s	ow	6	-50:	In	P/E	Do.
8	420850N0732156.4	do.	1950	664	Dn	22	2	-	s	ow	6	-50:	In/N:	P/E	L. A.
9	420850N0732156.5	do.	1950	664	Dn	30	2	-	s	ow	6	-50:	-	N	L. Y 0. A.
10	420753N0732159.1	J. S. Cowen	1825	675	Du	20	36	-	cl	ow	10	-52:	D	-/E	L. Y 3. Dry in 1949.
11	420753N0732155.1	Mass. Dept. Pub. Wks.	1947	670	Dn	129	1.5	-	cl	ow	dry	-47:	Tb	-	L. Y 0.
12	420931N0732200.1	Palmer Lines, Inc.	1936	675	Dr	267	6	-	g	ow	2	-37:	In	-/E	Y >20; dd <18 after 8 hrs. at 18.5. CA.
13	420926N0732158.2	Kimball's Motor Dispatch	-	677	Dr	-	-	-	uk	un	-	-	D,In:	-/E	
14	420926N0732201.1	Kaplan Cleaners	1934	678	Dr	188	4	-	g	ow	flow	-34:	C	-/E	Y 3.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
						SHEFFIELD (Continued)									
15	420707N0732406.1	Alfred S. Hale	1949	748	Dr	152	6	65	ls	br	40	-49:	D	-/E	L. Y 5
16	420714N0731908.1	James O. Saunders	1949	900	Dr	67	6	24	uk	br	12	-49:	D	-/E	L. Y 2.5.
17	420844N0732143.1	Cora Reed	1948	664	Dr	130	6	112	ls	br	0	-48:	D	J/E	L. Y 5.
18	420813N0731807.1	Charles Arienti	1948	998	Dr	96	6	-	t	t	18	-48:	D	J/E	L. Y .75.
19	420700N0732449.1	Berkshire Boys' School	1947	840	Dr/GP	108	6	70	uk	br	50	-47:	PS	-	L. Y 60; dd 9 after 12 hrs.
20	420307N0731953.1	William Busher	1938	700	Dr	90	6	1	qtz	br	6	-38:	D	P/E	L. Y 2.5.
21	420321N0732007.1	A. R. Miller	1930	675	Dr	105	6	6	sh	br	-	-	D	P/E	L. Y 5.
22	423121N0732012.1	Eleanor Levy	1948	675	Dr	90	6	9	qtz	br	8	-51:	D	J/E	L. Y 15.
23	420318N0732011.1	do.	1948	670	Dr	250	6	40	ls	br	20±5	-48:	D	P/E	L. Y 2.5.
24	423121N0732012.2	A. R. Miller	1935	675	Dr	110	6	75	ls	br	20	-35:	D	J/E	L. Y 3.
25	420326N0732008.1	Smith Hotel	1910	680	Dr	167	6	30	uk	br	-	-	C	P/E	L. Y 10-15.
26	420328N0732014.1	John Dunham	1928	680	Dr	80	6	-	g	ow	7	-28:	D	C/E	L. Y 15. CA.
27	420336N0732002.1	Mrs. VanDusen	-	680	Dr	106	6	104	ls	br	-	-	D	J/E	L. Y 40; dd <25 after 8 hrs.
28	420836N0732136.1	Coles Hageman	1936	682	Dr	110	8	-	g	ow	40	6-22-36:	-	-	Y 15.
29	420338N0732408.1	H. C. Conlogue	1936	695	Dr	100	6	11	ls	br	19	4-30-36:	D	-	Y 15.
30	420707N0732406.1	Harold Royce	1934	748	Dr	85	6	15	ls	br	-	-	D	-	Y 3.
31	420747N0732406.1	Sophie Curtiss	1934	708	Dr	65	6	-	g	un	5	-34:	D	P/E	L. Y 5.
32	420817N0732150.1	Calvin Ruraback	1922	660	Dr	220	6	-	s	ow	-	-	D	-/E	L. Y 4. Flow .5.
33	420635N0732042.1	Mass. Dept. Pub. Wks	1951	655.4	Dn	96.5	1	-	-	-	12.5	7- -51:	Tb	-	L. Br S-10-7. Bo 1.
34	420635N0732042.2	do.	1951	653.3	Dn	82	1	-	-	-	10.5	7- -51:	Tb	-	L. Br S-10-7. Bo 2
35	420635N0732042.3	do.	1951	658.6	Dn	89	1	-	-	-	15.0	7- -51:	Tb	-	L. Br S-10-7. Bo 3
36	420635N0732042.4	do.	1951	658.7	Dn	112	1	-	-	-	16.0	7- -51:	Tb	-	L. Br S-10-7. Bo 4
37	420858N0732330.1	do.	1941	674.9	Dn	29.5	1	-	-	-	1	6- -41:	Tb	-	L. Br S-10-18.
38	420628N0732010.1	do.	-	657.3	Dn	12.5	-	12.5R	-	-	-	-	Tb	-	L. Br S-10-8. Bo 2A. One of four borings.
39	420410N0732028.1	do.	-	590	Dn	7	-	-	-	-	-	-	Tb	-	L. Br S-10-2. One of three borings.
40	420650N0732105.1	do.	-	650	Dn	25	-	-	-	-	-	-	Tb	-	L. Br S-10-5. One of three borings.
43	420354N0732020.1	do.	-	680	Dn	17.4	-	17.4R	-	-	-	-	Tb	-	L. Br S-10-23. Bo 8. One of eight borings.
44	420725N0731828.4	do.	-	883.8	Dn	13.7	-	13.7R	-	-	-	-	Tb	-	L. Br S-10-29. Bo 3.
45	420725N0731828.5	do.	-	883.8	Dn	15.8	-	15.8R	-	-	-	-	Tb	-	L. Br S-10-29. Bo 4.
46	420412N0731905.1	William Conklin	1863	680	Du	27	-	-	uk	un	24	7-18-63:	N	-/M	
47	420414N0731904.1	do.	-	680	Dn	27	1.25	-	uk	un	24	7-18-63:	D	J/E	
48	420411N0731903.1	do.	-	680	Dn	27	1.25	-	uk	un	24	7-18-63:	Ir,S	P/E	
49	420323N0732005.1	do.	-	650	Dr	75	6	-	uk	un	70	7-18-63:	D	J/E	
50	420357N0731808.1	Merlin A. Rhoades	1962	895	Du	11.5	36	-	g	un	7.4	7-18-63:	D/N	-/E	
51	420403N0731857.1	Walter Zimmerman	-	685	Dn	-	1.25	-	uk	un	-	-	-	-/E	
52	420340N0731857.1	Evelyn E. Bailey	1961	685	Du	10.3	36	-	g	un	7.7	7-18-63:	D	-/E	
53	420515N0731920.1	Gilbert Robertshaw	1880	680	Dn	22	1.25	-	uk	un	-	-	D	-/E	
54	420517N0731918.1	Arnold Agar	-	690	Dr	346	6	-	g	un	9.0	7-18-63:	D,S	J/E	Flow 80.
55	420527N0731925.1	Thomas Wiehl	1962	690	Dr	22.33	6	-	s	un	11.70	8-27-63:	N	N	
56	420708N0732319.1	Emma Peters	1936	705	Du	11.45	64	-	g	un	9.35	8-28-63:	D	-/M	
57	420704N0732314.1	Soloman P. Ruggill	-	695	Dr	19.50	3.5	-	uk	br	8.45	8-28-63:	N	-	
59	420351N0731941.1	C. H. Joch	1963	680	A	57	1.4	-	s,g	ow	21.75	11-27-63:	O,T	-	L. W.
60	420359N0731939.1	do.	1963	675	Dr	343	6	250	qtz	br	20.53	4- 5-64:	D	-	L. Y 12; dd 60 after 72 hrs.
61	420730N0731900.1	James Collingwood	1956	950	Dr	135	6	52	sh	br	40	-56:	-	J/E	L. Y 8. CA.
62	420328N0732108.1	A. Brooks Conklin	1961	660	Dr	150	6	25	ls	br	-	-	D	-	L. Y 4. CA.
63	420540N0732436.1	J. A. Shiminski	1961	810	Dr	200	6	15	ls	br	-	-	D	Sb/E	CA.

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Well no.	Location	Owner or user	Year completed	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Use	Type of pump/power	Remarks
							SHEFFIELD (Continued)								
64	420626NO731936.1	A. Zamperini	1959	702	Du	16.0	30	-	s,g	un	3.41	4-23-64	D	P/E	CA.
65	420634NO731914.1	Custom Extrusion, Inc	1957	735	Dr	165	8	40	qtz	br	24	-57	In	-	Y >100; dd 40 after 48 hrs. at 60. CA.
66	420634NO732237.1	Richard Kirchener	-	690	Du	14.8	34	-	uk	un	12.19	10-31-63	D	-/E	
67	420501NO732012.1	Sheffield Water Co.	1956	665	Dr	250	8	250	s,g	un	2.7	10-30-56	C	T/E	L. Y 150; dd 147 after 52 hrs.
68	420506NO732450.1	U.S. Geol. Survey	1964	735	A	12	-	12R	-	-	dry	-64	T	-	L.
69	420503NO732446.1	do.	1964	745	A	12	-	12R	-	-	dry	-64	T	-	L. One of four holes.
70	420803NO732403.1	do.	1964	712	A	93	-	93R	-	-	16.4	12-10-64	T	-	L.
71	420828NO732312.1	do.	1964	675	A	90	-	-	-	-	-	-	T	-	L.
72	420833NO732257.1	do.	1964	690	A	62	-	-	-	-	-	-	T	-	L.
73	420902NO732118.1	Ernest Bennett	1964	740	Dr	205	6	28	gn,sh	br	9	9-17-64	-	-	L.
74	420324NO732041.1	U.S. Geol. Survey	1964	645	A	137.3	-	-	-	-	-	-	T	-	L.
75	420727NO732115.1	do.	1964	700	A	87	-	87R	-	-	12	6- 5-64	T	-	L.
							STOCKBRIDGE								
1	422100NO731938.1	Shadowbrook Jesuit College	1934	1120	Dr	700	8	-	gn	br	-	-	C	P/E	
2	422006NO731953.1	John E. Morley	1949	970	Dr	111	6	6	ls	br	9	10- 5-49	D,S	-	Y 4.
3	421959NO731945.1	H. W. Dunne	1949	1030	Dr	254	6	32	dolo	br	23	7- -49	D,S	-	Y 15-18.
4	421955NO731958.1	Hans Maeder	1949	1080	Dr	245	7	50	ls	br	22.9	10- 5-49	D	-	Y 18 at 175 ft; 5 at 125 ft.
5	421938NO731844.1	Stockbridge Bowl Co.	1935	1085	Dr	350	6	-	uk	br	-	-	D	-	
6	421725NO731859.1	Mabel Choate	-	950	Dr	1500	-	-	uk	br	-	-	D,Ir	-	Y 60.
7	421831NO731724.1	Robert Abrams	-	1040	Dr	175	-	-	-	un	-	-	D	-	
8	421838NO731735.1	James C. Hart	1929	1020	Dr	492	6	84	ls	br	90	-29	D	P/E	L. Y 25; dd 15 after 4-5 hrs
9	421805NO731727.1	Lanislav Sapiaha	1949	1130	Dr	225	6	-	-	un	-	-	D	J/-	Y 8.
10	421803NO731742.1	Julius Chenu	1942	1080	Dr	300	6	-	ls	br	-	-	D	P/-	
11	421725NO731728.1	Elsie Backus	1930	1015	Dr	168	6	35	ls	br	-	-	D,S	P/E	Y 5-8.
12	421717NO731739.1	Lowell Clucas	1928	1015	Du	21	48	-	uk	un	-	-	D	C/-	
13	421825NO731739.1	Gifford Makie	1947	1080	Dr	170	6	40	dolo	br	flow	-47	C,D	T/E	Y 20. F 3. Producing horizon 170 ft.
14	421658NO731819.1	Ramsey Hoguet	1930	890	Dr	1200	-	-	-	un	-	-	D	-	
15	421700NO732133.1	Mr. Trepenski	-	890	Dr	40	-	31	ls	br	-	-	-	-	
17	421914NO731954.1	Robert C. Burt	1949	944	Dr	72	6	68	ls	br	14	-49	D	-/E	L. Y 4.5. Producing horizon 72 ft. CA.
18	421602NO732148.1	Adam Osak	1951	762	Dr	84	6	-	g	un	15	-51	D	J/E	L. Y 5.
21	422029NO731743.1	Mrs. Henry White	1900	980	Du	16	720	-	-	un	5	-00	D/N	-	Y 530; dd 8.4 after 8 hrs. CA.
26	421035NO732005.1	Mass. Dept. Pub. Wks	1952	841.8	Dn	26	1	-	-	-	-	-	Tb	-	L. Br S-26-16. Bo 9.
27	421035NO732005.2	do.	1952	840	Dn	25.8	1	-	-	-	-	-	Tb	-	L. Br S-26-16. Bo 10.
28	421035NO732005.3	do.	1952	839.7	Dn	31.3	1	-	-	-	5	2- -52	Tb	-	L. Br S-26-16. Bo 11.
29	421035NO732005.4	do.	1952	837.5	Dn	28.0	1	-	-	-	-	-	Tb	-	L. Br S-26-16. Bo 12.
30	421035NO732005.5	do.	1952	835.4	Dn	33.1	1	-	-	-	-	-	Tb	-	L. Br S-26-17. Bo 13.
31	421035NO732005.6	do.	1952	836.3	Dn	41.5	1	-	-	-	-	-	Tb	-	L. Br S-26-17. Bo 14.
32	421035NO732005.7	do.	1952	835.5	Dn	39.9	1	-	-	-	-	-	Tb	-	L. Br S-26-17. Bo 15.
33	421035NO732005.8	do.	1952	836.2	Dn	33.5	1	-	-	-	.8	2-16-52	Tb	-	L. Br S-26-17. Bo 16.
34	421035NO732005.9	do.	1952	831.2	Dn	4.3	1	-	-	-	1.0	2-12-52	Tb	-	L. Br S-26-18. Bo 1.
35	421035NO732005.10	do.	1952	831.2	Dn	5.3	1	-	-	-	-	-	Tb	-	L. Br S-26-18. Bo 1A.
36	421035NO732005.11	do.	1952	831.6	Dn	6.3	1	-	-	-	1.2	2-12-52	Tb	-	L. Br S-26-18. Bo 2.
37	421035NO732005.12	do.	1952	831.6	Dn	6.8	1	-	-	-	1.3	2-12-52	Tb	-	L. Br S-26-18. Bo 2A.
38	421035NO732005.13	do.	1952	832.2	Dn	19.0	1	-	-	-	2.0	2-19-52	Tb	-	L. Br S-26-18. Bo 3.
39	421035NO732005.14	do.	1952	831.5	Dn	5.1	1	-	-	-	-	-	Tb	-	L. Br S-26-18. Bo 4.
40	421035NO732005.15	do.	1952	831.5	Dn	18.8	1	-	-	-	1.0	2-19-52	Tb	-	L. Br S-26-18. Bo 4A.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
						STOCKBRIDGE (Continued)									
41	421035NO732005.16	Mass. Dept. Pub. Wks.	1952	833.5	Dn	12.0	1	-	-	-	-	-	Tb	-	L. Br S-26-12. Bo 5.
42	421035NO732005.17	do.	1952	837.3	Dn	20.6	1	-	-	-	-	-	Tb	-	L. Br S-26-12. Bo 6.
43	421035NO732005.18	do.	1952	840.4	Dn	15.3	1	-	-	-	-	-	Tb	-	L. Br S-26-12. Bo 7.
44	421035NO732005.19	do.	1952	839.8	Dn	11.8	1	-	-	-	-	-	Tb	-	L. Br S-26-12. Bo 8.
45	421035NO732005.20	do.	1952	839.8	Dn	16.6	1	-	-	-	-	-	Tb	-	L. Br S-26-12. Bo 8A.
46	420915NO731852.1	do.	-	820	Dn	23.0	-	-	-	-	-	-	Tb	-	L. Br S-26-1. Bo 1.
47	420915NO731852.2	do.	-	820	Dn	19.6	-	-	-	-	-	-	Tb	-	L. Br S-26-1. Bo 4.
48	420930NO731935.1	do.	-	815	Dn	6.0	-	-	-	-	-	-	Tb	-	L. Br S-26-2. Bo 1.
49	420930NO731935.2	do.	-	815	Dn	9.7	-	-	-	-	-	-	Tb	-	L. Br S-26-2. Bo 2.
50	421624NO732139.1	Mr. Foley	1960	790	Dr	160	8	-	uk	br	-	-	D	-/E	
51	421637NO731911.1	U.S. Geol. Survey	1964	818	A	112	-	-	-	-	6	12-11-64	T	-	L.
52	421818NO732002.1	Mass. Turnpike Authority	1955	858.6	Dn	5	-	-	-	-	4	-55	Tb	-	L. Cont 51-010. Bo 118.
53	421814NO731928.1	do.	1955	930.2	Dn	15	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo 130.
54	421803NO731855.1	do.	1955	1038	Dn	16.0	-	-	-	-	13.8	-55	Tb	-	L. Cont 51-010. Bo E153A.
55	421815NO731928.1	do.	1955	1047.2	A	3.0	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo E163.
						TYRINGHAM									
1	421332NO731140.1	Mass. Dept. Pub. Wks.	-	925	Dn	49.0	-	-	-	-	-	-	Tb	-	L. Br T-10-7. Bo 1.
2	421332NO731140.2	do.	-	925	Dn	47.0	-	-	-	-	-	-	Tb	-	L. Br T-10-7. Bo 2.
3	421332NO731140.3	do.	-	925	Dn	52.3	-	-	-	-	-	-	Tb	-	L. Br T-10-7. Bo 3.
4	421332NO731140.4	do.	-	925	Dn	37.0	-	-	-	-	-	-	Tb	-	L. Br T-10-7. Bo 4.
5	421342NO731132.1	Mr. MacIntosh	1963	960	A	33	-	33R	s,t	ow	5.54	11-27-63	O,T	-	L. W.
6	421516NO731257.1	Hale Brothers	1940	910	Dr	96	6	16	ls	br	11	-40	D	J/-	L. CA.
7	421535NO731347.1	U.S. Geol. Survey	1964	860	A	106.5	-	-	-	un	-	-	T	-	L.
						WEST STOCKBRIDGE									
1	421636NO732205.1	Ruth Furnace	1940	1000	Dr	198	6	15	sh	br	18	-40	D	-/E	L. Y 1.5.
2	421738NO732241.1	Rockdale Insulation Company	1946	850	Dn	22	2	-	s,g	icd	8	-46	In	C/E	Y 50+;dd 4+ after 168 hrs. CA.
3	421738NO732241.2	do.	1946	850	Dn	22	2	-	s,g	icd	8	-46	In	C/E	Y 50+;dd 4+ after 168 hrs.
4	421738NO732231.1	do.	1946	850	Dn	22	2	-	s,g	icd	8	-46	In	C/E	Do.
5	421738NO732231.2	do.	1946	850	Dn	22	2	-	s,g	icd	8	-46	In	C/E	Do.
6	421738NO732231.3	do.	1946	850	Dn	22	2	-	s,g	icd	8	-46	In	C/E	Do.
7	421704NO731637.1	Emil Luckeret	1950	1138	Dr	80	6	6	ls	br	30	-50	D	J/E	L. Y 15; dd 40 after 3 hrs.
8	422053NO732438.1	J. A. Callahan	1950	926	Dr	105	6	33	sh	br	6	-50	D	-/E	L. Y 9. Producing horizon 100.
9	422011NO732218.1	West Stockbridge School	1948	922	Dr	160	6	-	g	un	27	-48	PS	J/E	Y 60; dd 1 after 4 hrs. L.
10	422011NO732215.1	Charles Girdler	1948	921	Dr	118	6	-	g	un	15	-48	D	-/E	Y 100; dd 0 after 4 hrs. CA. L.
11	421943NO732204.1	Peter Skorput, Jr.	1948	950	Dr	148	6	10	ls	br	15	-48	D/N	J/E	L. Y .5. A.
12	422055NO732437.1	Chauncy P. Smith	1918	924	Dn	11	1.5	-	-	un	-	-	D	-/E	
13	421642NO732209.1	Sigmund Jensen.	1950	886	Dr	126	6	-	sh	br	20	12-50	D	P/M	Y 3.
14	421915NO732152.1	Emma Ecker	1950	920	Dr	50	6	3	ls	br	10	-50	D	-/E	Y 5. L.
15	421957NO732229.1	Felix Zanconato	1950	912	Dr	105	6	-	g	un	15	-50	D	J/E	L. Y 10.
16	422012NO732304.1	Howard Andrews	1951	972	Dr	111	6	-	g	un	15	-51	D	J/E	L. Y 3. Contains iron.
17	422031NO732359.1	Joseph Murray	1951	932	Dr	28	6	10	ls	br	12	-51	D	-/E	L. Y 3.
18	421729NO732241.1	Joseph Consolini	1951	875	Dr	27	6	-	g	un	8	-51	D	J/E	L. Y 2.
19	421718NO732236.1	Murray Coleman	1950	850	Dr	38	6	-	s,g	un	7	-50	D	J/E	L. Y 1.5; dd <15 after 1-2 hrs
20	421638NO732240.1	John Upright	1951	875	Dr	200	6	0	sh	br	10	-51	D	-/E	L. Y 1.5. Flows in wet seasons
21	421909NO732223.1	Tobey Lime Products	1946	950	Dr	60	6	12	ls	br	-	-	D,In	J/E	

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water: Level	Water: Date of measurement	Use	Type of pump/power	Remarks
						WEST STOCKBRIDGE (Continued)									
22	422057N0732440.1	Mass. Dept. Pub. Wks	1938	907.1	Dn	49.0	-	-	-	-	-	-	Tb	-	L. Br W-22-11. Bo 1.
23	422057N0732440.2	do.	1938	907.7	Dn	50.5	-	-	-	-	-	-	Tb	-	L. Br W-22-11. Bo 2.
24	422057N0732440.3	do.	1938	909.3	Dn	51.5	-	-	-	-	-	-	Tb	-	L. Br W-22-11. Bo 3.
25	422057N0732440.4	do.	1938	908.6	Dn	25.0	-	-	-	-	-	-	Tb	-	L. Br W-22-11. Bo 4.
26	422057N0732440.5	do.	1938	907.4	Dn	25.0	-	-	-	-	-	-	Tb	-	L. Br W-22-11. Bo 5.
27	422057N0732440.6	do.	1938	909.2	Dn	48.0	-	-	-	-	-	-	Tb	-	L. Br W-22-11. Bo 6.
28	421545N0732249.1	do.	-	750	Dn	6	-	-	-	-	-	-	Tb	-	L. Br W-22-1. Bo 2. One of 12 borings.
30	422030N0732235.1	do.	-	900	Dn	18.4	-	-	-	-	-	-	Tb	-	L. Br W-22-8. Bo 1.
31	422030N0732235.2	do.	-	900	Dn	20.8	-	-	-	-	-	-	Tb	-	L. Br W-22-8. Bo 2.
32	422030N0732235.3	do.	-	900	Dn	17.4	-	-	-	-	-	-	Tb	-	L. Br W-22-8. Bo 4.
33	422028N0732400.1	do.	-	890	Dn	28.7	-	-	-	-	-	-	Tb	-	L. Br W-22-13. Bo 2. One of four borings.
34	422028N0732400.2	do.	-	890	Dn	26.5	-	-	-	-	-	-	Tb	-	L. Br W-22-14. Bo 5. One of five borings.
35	422059N0732426.1	Neil E. Carver	-	925	Dn	25	2	-	g	un	-	-	D	-	
36	422045N0732236.1	U.S. Geol. Survey	1964	910	A	94	-	94R	-	-	6	-64	T	-	L.
37	422045N0732430.1	Mass. Turnpike Authority	1955	967.7	Dn	31	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo E12B.
38	422036N0732402.1	do.	1955	902.9	Dn	29.5	-	-	-	-	1.5	-55	Tb	-	L. Cont 51-010. Bo E16.
39	422032N0732340.1	do.	1955	907.3	Dn	15.0	-	-	-	-	6.0	-55	Tb	-	L. Cont 51-010. Bo E20.
40	422023N0732313.1	do.	1955	898.2	Dn	20	-	-	-	-	-	-	Tb	-	L. Cont 51-010. Bo E26.
41	422017N0732305.1	do.	1955	914.6	Dn	134.0	-	-	-	-	11.8	-55	Tb	-	L. Cont 51-010. Bo 28.
42	422014N0732254.1	do.	1955	958.3	Dn	10.0	-	-	-	-	9.8	-55	Tb	-	L. Cont 51-010. Bo E30.
43	421955N0732217.1	do.	1955	898.8	Dn	42.5	-	-	-	-	10	-55	Tb	-	L. Cont 51-010. Bo 34.
44	421945N0732201.1	do.	1955	916.3	Dn	31.7	-	-	-	-	7.0	-55	Tb	-	L. Cont 51-010. Bo E35A.
						COLUMBIA COUNTY, NEW YORK									
						AUSTERLITZ									
1	421743N0732806.1	Fred Giegerich	1938	1070	Du	14	-	-	g,s	un	-	-	D,C	-	
2	421837N0732827.1	Milton Stone	1952	1115	Dr	105	6	40	sh	br	20	-52	D	J/E	Y 3.
3	421836N0732816.1	Donald A. Barringer	-	1122	Dr	105	6	-	-	br	-	-	D	-/E	Y 8.
4	421834N0732804.1	Max Fitzi	1949	1245	Du	9	30	-	cl	un	-	-	D	-/E	
5	421826N0732833.1	Mackowski and Walendzirk	1954	1115	Dr	116	6	-	-	br	-	-	D	-	Y 40.
6	421826N0732833.2	do.	-	1115	Du	26.7	36	-	g	un	24.70	9-10-64	N	-	
7	421832N0732829.1	Austerlitz Volunteer Fire Dept.	-	1115	Dr	99.7	6	50	-	br	25.82	9-10-64	PS	J/E	L. Y 40-50. Used for fire purposes.
8	421820N0732822.1	Elmer F. Badertscher	1938	1100	Dn,Du	40-50	-	-	g	un	-	-	-	-/E	
9	421917N0732640.1	Charles E. Ellis	1962	1535	Dr	111	6	28	-	br	-	-	-	-	L. Y 12.
10	421609N0732833.1	Curtis Grant	1912	1065	Du	16.4	36	-	t	t	-	-	N	-	
11	421606N0732833.1	Malcolm B Pennington	1961	1065	Du	9.9	24	-	t	t	8.32	9-10-64	D	J/E	
12	421837N0732823.1	May Ferry	-	1118	Dr	107	6	-	s	un	-	-	-	-	L.
13	421814N0732816.1	Warren Jenson	1956	1105	Dr	63	6	30	-	br	-	-	-	-	Y 10.
14	421841N0732823.1	Robert MacNish	-	1125	-	43	6	-	g	un	-	-	-	-	Y 6.
15	421821N0732823.1	Michael Gunn	-	1100	Dr	84	6	45	-	br	-	-	-	-	Y 10.
16	421842N0732827.1	Chester Osborne	1946	1125	Dr	158	6	10	-	br	-	-	-	P/M	Y 1.
17	421818N0732818.1	Preston McNish	-	1100	Dr	51	-	-	g	un	-	-	-	-	Y 15.
18	421822N0732820.1	William Herron	1956	1105	Du,Dr	63	6	-	-	br	-	-	-	-	Y 30.
19	421644N0732823.1	Charles Johnson	-	1020	Du,Dr	35	6	-	-	br	-	-	-	-	L. Y 15.

Table 2.--Records of selected wells, test wells, and borings in the Housatonic River basin--Continued

Well no.	Location	Owner or user	Year com-pleted	Altitude of land-surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth to bedrock or refusal (feet)	Principal water-bearing material: Character	Principal water-bearing material: Geologic unit	Water Level	Water: Date of measurement	Water: Use	Type of pump/power	Remarks
								COLUMBIA COUNTY, NEW YORK (Continued)							
								CANAAN							
1	422315N0732511.1	Ruth Dunton	1963	1050	Dr	125	6	5	ls	br	-	-	D	J/E	L.
3	422145N0732549.1	Arthur Finney	1937	940	Dr	115	6	-	g	un	-	-	-	J/E	
4	422149N0732551.1	Mr. Schoppens	1939	960	Dr,Du	79	6	-	g	un	-	-	-	-	Y 10.
6	422208N0732552.1	James Pithers	1956	970	Dr	56	-	-	g	un	-	-	-	-	Y 35.
7	422247N0732607.1	William D. Weller	-	970	Du	10.8	48	-	t	t	9.38	10-30-64	D	-	
8	422247N0732607.2	do.	-	970	Du	6.1	-	-	t	t	4.27	10-30-64	Ir	-	
9	422258N0732530.1	Estiphen Duller	-	975	Dr	247	6	27	ls	br	19.74	10-31-64	D,Ir	-	Y 40.
10	422142N0732542.1	John J. Astore	-	960	Dn	14	2	-	g	un	-	-	C	-	Y 50-60.
11	422117N0732530.1	Berkshire Spur Motel	1964	1000	Dr	246	6	0	sh	br	-	-	C	-	
								HILLSDALE							
1	421448N0732756.1	Donald C. Lillis	-	910	Du	11.9	36	12	g	un	6.72	9- 1-64	D	J/E	Y 50; dd 1 after 20 min.
2	421444N0732755.1	do.	-	910	Du	13.6	60	-	g	un	13.50	9- 1-64	D	J/E	
3	421511N0732745.1	Thomas Conroy	-	910	-	23	1-3/4	-	g	un	-	-	D	J/E	
4	421529N0732805.1	Dennis Callahan	-	918	Du	6.7	30	-	g	un	-	-	D	-/E	
5	421524N0732809.1	Dominic Mallardi	1960	918	Du	7.3	15	-	g	un	-	-	D	J/E	
6	421535N0732814.1	Anthony C. Corridi	1951	925	Du	11.9	18	-	g	un	11.29	9-11-64	D	J/E	
7	421537N0732815.1	Al Albohn	-	925	Du	14.5	20	-	g	un	-	-	D	-	
8	421554N0732829.1	Raymond F. Reynolds	1961	1045	Dr	-	6	20-24	-	br	-	-	D	J/E	Y 1.5.

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin
(Thicknesses and depths below land-surface are given in feet)

	Thickness	Depth
ALFORD 3. Alt. about 912 ft.		
Driller's log.		
Drift, no boulders	54	54
Schist, black	48	102
ALFORD 4. Alt. about 980 ft.		
Driller's log.		
Soil	14	14
Schist, black	358	372
ALFORD 5. Alt. about 910 ft.		
Driller's log.		
Drift, no boulders	12	12
Limestone, white	102	114
ALFORD 6. Alt. about 882 ft.		
Driller's log.		
Drift	6	6
Limestone, white	85	91
ALFORD 7. Alt. about 856 ft.		
Driller's log.		
Overburden	12	12
Limestone, white	81	93
ALFORD 8. Alt. about 1110 ft.		
Driller's log.		
Hardpan and boulders	87	87
Gravel, above bedrock	.2	87.2
ALFORD 9. Alt. about 832 ft.		
Driller's log.		
Hardpan, no boulders	9	9
Limestone, white	63	72
ALFORD 10. Alt. about 848 ft.		
Driller's log.		
Soil	2	2
Limestone, gray	503	505
BECKET 17. Alt. about 1402 ft.		
Driller's log.		
Topsoil, brown; clay with gravel	5	5
Sand, brown with gravel	5	10
Sand, brown with rock fragments	2	12
Boulders	3	15
Sand, brown with gravel	3	18
Sand, gray with gravel	2	20
BECKET 18. Alt. about 1420 ft.		
Driller's log.		
Topsoil	1	1
Clay, sandy, brown	4	5
Clay, sandy, brown with broken granite	5	10
Clay, sandy brown and decomposed granite	5	15
Clay, sandy, gray, and gravel	15	30
DALTON 5. Alt. about 1050 ft.		
Owner's log.		
River and glacial deposits	75	75
Limestone	285	360
Sandstone	25	385
Limestone	205	590
Quartzite	48	638
DALTON 6. Alt. about 1050 ft.		
Driller's log.		
Limestone	37	37
Limestone, gray	30	67
Limestone, white	33	100
DALTON 7. Alt. about 1050 ft.		
Driller's log.		
Limestone, hard and soft	135	135
Solution cavity, at base of limestone containing gravel	3	138
Mica schist, corrugated	9	147
DALTON 8. Alt. about 1050 ft.		
Driller's log.		
Fill	15	15
Limestone, gray and brown	165	180
Quartzite, decomposed	42	222
Fault at 220 ft. No record from 222 ft. to 607 ft.		
DALTON 9. Alt. about 1135 ft.		
Owner's log.		
Peat, black and brown	12	12
Sand, very fine	15	27
Sand and gravel	10	37
Gravel, coarse sharp edge	10	47
Sand, fine	53	100
DALTON 10. Alt. about 1135 ft.		
Owner's log.		
Peat, black and brown	12	12
Sand, very fine, light gray	15	27
Sand and gravel	10	37
Gravel, coarse	13	50
Sand, fine		at 50
DALTON 11. Alt. about 1145 ft.		
Driller's log.		
Soil, gravel and cobblestones.	149	149
Cheshire quartzite	200	349
DALTON 12. Alt. about 1343 ft.		
Driller's log.		
Drift	12	12
Bedrock, very hard, brownish-yellow	19	31
DALTON 34. Alt. about 1172 ft.		
Driller's log.		
Gravel	32	32
DALTON 36. Alt. about 1147 ft.		
Driller's log.		
Sand and gravel	3	3
Gravel	5	8
Clay	5	13
Gravel	3	16
DALTON 37. Alt. about 1146 ft.		
Driller's log.		
Gravel	3	3
Sand and gravel	4	7
Clay	31	38
Gravel	4	42
DALTON 38. Alt. about 1144 ft.		
Driller's log.		
Gravel	6	6
Clay	38	44
DALTON 39. Alt. about 1144 ft.		
Driller's log.		
Gravel	6.5	6.5
Clay	10	16.5
Gravel	7.5	24.0
DALTON 40. Alt. about 1146 ft.		
Driller's log.		
Gravel	7	7
Clay	37	44
DALTON 41. Alt. about 1154 ft.		
Driller's log.		
Gravel	14.5	14.5
Clay	11	25.5
Gravel	7	32.5
DALTON 42. Alt. about 1191 ft.		
Driller's log.		
Boulders, small and gravel	3	3
Gravel, coarse	14	17
Refusal		at 17
DALTON 43. Alt. about 1173 ft.		
Driller's log.		
Gravel, coarse, sand and cobbles	5.9	5.9
Sand, fine and clay	12.1	18
Refusal		at 18
DALTON 44. Alt. about 1174 ft.		
Driller's log.		
Loam	2	2
Gravel, coarse and sand	4.3	6.3
Clay	8.7	15.0
Sand, fine	2.5	17.5
Refusal		at 17.5
DALTON 45. Alt. about 1220 ft.		
Driller's log.		
Sand and gravel	17	17
Hardpan		at 17
DALTON 46. Alt. about 1135 ft.		
Owner's log.		
Peat, muck	10	10
Sand, fine	10	20
Sand, medium	20	40
Gravel, medium	10	50
Sand, coarse	10	60
Gravel, fine	20	80
Gravel, medium	10	90
Ledge	4	94
DALTON 47. Alt. about 1160 ft.		
Geologist's log.		
Fill, gravelly	1.5	1.5
Sand and gravel, medium sand to medium gravel, brown	3.5	5
Sand, very fine, silty, brown.	66	71
Sand, fine with few pebbles; compact (till)?	8	79
Sand, fine with few pebbles, alternating fine and coarse layers (till)?	36	115
Boulders or bedrock		at 115
EGREMONT 2. Alt. about 970 ft.		
Driller's log.		
Clay, few small boulders	68	68
Limestone, gray	352	420
EGREMONT 3. Alt. about 980 ft.		
Driller's log.		
Drift	23	23
Bedrock (limestone)	75	98
EGREMONT 5. Alt. about 800 ft.		
Driller's log.		
Boulders and hardpan	31	31
Limestone, white	2	33
EGREMONT 6. Alt. about 880 ft.		
Driller's log.		
Clay	72	72
Limestone	28	100
EGREMONT 7. Alt. about 860 ft.		
Driller's log.		
Hardpan, no boulders	40	40
Limestone, white	60	100
EGREMONT 8. Alt. about 730 ft.		
Driller's log.		
Hardpan, no boulders	23	23
Limestone, white	62	85
EGREMONT 9. Alt. about 876 ft.		
Driller's log.		
Soil	11	11
Limestone, gray and white	184	195
EGREMONT 10. Alt. about 928 ft.		
Driller's log.		
Hardpan, no boulders	14	14
Limestone, white	190	204
EGREMONT 11. Alt. about 796 ft.		
Driller's log.		
Hardpan	22	22
Limestone, gray	80	102
EGREMONT 12. Alt. about 790 ft.		
Driller's log.		
Hardpan	25	25
Limestone, white	104	129
EGREMONT 13. Alt. about 780 ft.		
Driller's log.		
Limestone, pure white	110	110
EGREMONT 14. Alt. about 820 ft.		
Driller's log.		
Topsoil	4	4
Limestone, gray	31	35
EGREMONT 15. Alt. about 840 ft.		
Driller's log.		
Soil	5	5
Limestone, white	93	98
EGREMONT 16. Alt. about 820 ft.		
Driller's log.		
Marble, white	186	186
EGREMONT 17. Alt. about 958 ft.		
Driller's log.		
Hardpan	25	25
Limestone, gray	275	300
EGREMONT 18. Alt. about 975 ft.		
Driller's log.		
Hardpan	30	30
Limestone, gray	60	90
EGREMONT 19. Alt. about 832 ft.		
Driller's log.		
Topsoil	10+	10+
Limestone	115	125

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
EGREMONT 20. Alt. about 788 ft.		
Driller's log.		
Sand, light	18+	18+
Limestone	32±	50±
EGREMONT 21. Alt. about 722 ft.		
Driller's log.		
Topsoil	4	4
Limestone, fine gray	181	185
EGREMONT 28. Alt. about 745 ft.		
Geologist's log.		
Soil, brown loam	1	1
Sand and gravel, silt to medium gravel; brown	14	15
Sand, very fine to coarse, mostly fine; gray-brown; soft	33	48
Till, sandy, silty, gravelly, gray, compact	12	60
Boulders or bedrock		at 60
EGREMONT 29. Alt. about 700 ft.		
Geologist's log.		
Soil, brown, humic	2.5	2.5
Sand; gravel; silt; and clay, gray	3.5	6
Clay, gray, (lake?) uniform	14	20
Boulder or bedrock--could not penetrate		at 20
EGREMONT 30. Alt. about 735 ft.		
Geologist's log.		
Gravel; silt; sand, fine to coarse	7.5	7.5
Gravel; well sorted, fine to coarse	2.5	10.0
Gravel and sand; very well sorted	7.5	17.5
Sand, brown, very fine to coarse gravel; some schist pebbles; silt to medium gravel, possibly sandy till	35.0	52.5
Bedrock		at 52.5
Upper 17 ft. contain mostly quartz pebbles. Schist pebbles more below 17 ft.		
GREAT BARRINGTON 13. Alt. about 746 ft.		
Owner's log.		
Loam and clay	4	4
Sand, sharp and gravel	6	10
Sand, fine	3	13
GREAT BARRINGTON 14. Alt. about 746 ft.		
Owner's log.		
Loam	4	4
Gravel	8	12
GREAT BARRINGTON 17. Alt. about 746 ft.		
Owner's log.		
Clay, sand and gravel	8.0	8.0
Clay, sand and scattered gravel	6.0	14.0
Clay, sand	18.5	32.5
Clay, sand hardpan	7.0	39.5
Rock		at 39.5
GREAT BARRINGTON 18. Alt. about 800 ft.		
Owner's log.		
Sand, fine, clay and gravel	17	17
Bedrock	83	100
GREAT BARRINGTON 21. Alt. about 724 ft.		
Driller's log.		
Old well	30	30
Hardpan, no boulders	14	44
Clay, bluish with some sand	65	109
GREAT BARRINGTON 22. Alt. about 880 ft.		
Driller's log.		
Drift	8	8
Limestone, gray	88	96
Yellow ocher	2	98
Limestone, gray	103	201
GREAT BARRINGTON 23. Alt. about 742 ft.		
Driller's log.		
Glacial till	8	8
Cobbles	4	12
Gravel	12	24
GREAT BARRINGTON 24. Alt. about 755 ft.		
Driller's log.		
Soil	12.5	12.5
Limestone, gray and white	27.5	40.0
Yellow ocher pocket at 39 ft.		
GREAT BARRINGTON 25. Alt. about 758 ft.		
Driller's log.		
Hardpan and boulders	16	16
Limestone, gray and white	75	91
GREAT BARRINGTON 26. Alt. about 810 ft.		
Driller's log.		
Hardpan and boulders	82	82
Limestone, white	23	105
GREAT BARRINGTON 27. Alt. about 748 ft.		
Driller's log.		
Hardpan and boulders	30	30
Limestone, white and gray	60	90
GREAT BARRINGTON 28. Alt. about 732 ft.		
Driller's log.		
Hardpan and boulders	33	33
Limestone, gray	38	71
GREAT BARRINGTON 29. Alt. about 722 ft.		
Driller's log.		
Sand and gravel	24	24
Limestone, white	69	93
GREAT BARRINGTON 30. Alt. about 720 ft.		
Driller's log.		
Hardpan, no boulders	50	50
Gravel	4	54
GREAT BARRINGTON 32. Alt. 683.7 ft.		
Driller's log.		
Sand, sharp fine	6	6
Sand, coarse, and gravel	1	7
Silt or clay	45	52
GREAT BARRINGTON 33. Alt. 685.9 ft.		
Driller's log.		
Topsoil	1	1
Sand, fine and silt	7	8
Silt or clay	8	16
Sand, with trace of clay	18	34
GREAT BARRINGTON 34. Alt. about 686 ft.		
Driller's log.		
Topsoil	1.0	1.0
Sand, fine	6.5	7.5
Sand, coarse and gravel	1.0	8.5
Sand, coarse	15.5	24.0
Silt or clay	18.0	42.0
GREAT BARRINGTON 35. Alt. 685.7 ft.		
Driller's log.		
Topsoil	1	1
Sand and silt	5	6
Gravel, hard	2	8
Silt or clay	40	48
GREAT BARRINGTON 36. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	11	11
Clay, soft	19	30
Sand, loose, fine, gritty	15	45
GREAT BARRINGTON 37. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	9.5	9.5
Clay, soft	20.0	29.5
Sand, loose fine gritty	13.0	42.5
GREAT BARRINGTON 38. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	9.5	9.5
Clay, soft	16.0	25.5
Sand, fine, hard packed	3.0	28.5
Gravel, fine, little clay	1.6	30.1
GREAT BARRINGTON 39. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	9.9	9.9
Clay, soft	16.1	26.0
Sand, fine, hard packed	3.1	29.1
Gravel, fine, little clay	3.1	32.2
GREAT BARRINGTON 40. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	12.3	12.3
Clay, soft	17.3	29.6
Sand, hard packed	3.2	32.8
Sand, loose	7.0	39.8
Sand, hard packed	4.0	43.8
GREAT BARRINGTON 41. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	11.8	11.8
Clay, soft	15.9	27.7
Sand, hard packed	4.0	31.7
GREAT BARRINGTON 42. Alt. 666.9 ft.		
Driller's log.		
Sand, gravel and silt	14.3	14.3
Sand and gravel	15.5	29.8
Sand, very fine, and clay	18.4	48.2
Sand, compact very fine, and clay	11.8	60.0
Clay, very compact; sand, very fine	8.0	68.0
GREAT BARRINGTON 43. Alt. about 667 ft.		
Driller's log.		
Sand, gravel and silt	18.0	18.0
Sand, gravel and clay	11.2	29.2
Sand, very fine, and clay	9.3	38.5
Sand, compact very fine and clay	12.3	50.8
Clay, very compact; sand, very fine	9.2	60.0
GREAT BARRINGTON 44. Alt. 671.4 ft.		
Driller's log.		
Sand, fine, silt, some gravel	7.5	7.5
Sand, fine, and silt	9.7	17.2
Sand and gravel	9.8	27.0
Sand, very fine, and clay	10.4	37.4
Sand, compact, very fine, and clay	19.8	57.2
Clay, very compact, and sand, very fine	4.8	62.0
GREAT BARRINGTON 45. Alt. 665.7 ft.		
Driller's log.		
Sand, gravel and silt	7.5	7.5
Sand and gravel	9.3	16.8
Sand, compact, very fine, and clay	30.2	47.0
Clay, very compact; sand, very fine	11.0	58.0
GREAT BARRINGTON 46. Alt. 663 ft.		
Driller's log.		
Loam, sandy, and silty material	9.5	9.5
Gravel, sandy, fine	9.0	18.5
Clay, soft	56.5	75.0
GREAT BARRINGTON 47. Alt. 664.3 ft.		
Driller's log.		
Topsoil, sandy loam	2.3	2.3
Gravel, fine, sand and loamy material mixed	12.5	14.8
Sandy, clean material	2.5	17.3
Clay, soft	79.0	96.3
GREAT BARRINGTON 48. Alt. 662.7 ft.		
Driller's log.		
Gravel, fine sandy, probably fill	11.7	11.7
Gravel, fine sandy	6.0	17.7
Clay, soft, silty	62.0	79.7
GREAT BARRINGTON 49. Alt. 663.8 ft.		
Driller's log.		
Topsoil and loam, dirty, silty, sandy material	9.8	9.8
Gravel, sandy or sand, coarse.	20.0	29.8
Clay, soft	47.0	76.8
GREAT BARRINGTON 50. Alt. 663.9 ft.		
Driller's log.		
Topsoil and balance sand, silty fine mixture with some fine gravel	7.9	7.9
Gravelly, fine material, not quite clean	14.0	21.9
Clay, soft	53.0	74.9
GREAT BARRINGTON 51. Alt. 664.2 ft.		
Driller's log.		
Topsoil, loamy material with fine sand	7.2	7.2
Sandy material, not clean, no coarse stones	11.0	18.2
Clay, soft	91.0	109.2
GREAT BARRINGTON 54. Alt. 675.4 ft.		
Driller's log.		
Silt, river	7.0	7.0
Silt, river with some gravel	6.5	13.5
Clay, soft	4.7	18.2
Clay, compact, sand and gravel	6.8	25.0
Clay, very compact, sand and gravel	11.5	36.5
Obstruction		at 36.5

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
GREAT BARRINGTON 55. Alt. 671.0 ft.		
Driller's log.		
Filling, ashes and cinder	11.2	11.2
Sand, gravel, silt, and clay	5.5	16.7
Clay, compact, sand and gravel.	8.3	25.0
Sand, fine with some clay	8.0	33.0
Sand, compact and gravel with clay	3.2	36.2
Obstruction		at 36.2
GREAT BARRINGTON 56. Alt. about 732 ft.		
Driller's log.		
Sand, clay and gravel	14	14
GREAT BARRINGTON 59. Alt. about 740 ft.		
Geologist's log.		
Till, ranging from silt to pebbles, some boulders	40	40
GREAT BARRINGTON 63. Alt. about 705 ft.		
Driller's log.		
Hardpan	50	50
Gravel, fine, gritty	50	100
Gravel, coarse and sand	32	132
GREAT BARRINGTON 64. Alt. about 725 ft.		
Geologist's log.		
Sand and gravel; fine sand to medium gravel; silty; brown	16	16
Till, sandy, silty, gravelly, yellow-brown	5	21
Boulders or bedrock		at 21
GREAT BARRINGTON 65. Alt. about 860 ft.		
Geologist's log.		
Sand and gravel, very fine sand to medium gravel	14	14
Sand, silent drilling	71	85
Till, silty, sandy, gravelly; brown	17	102
Log based on feel of augers.		
GREAT BARRINGTON 66. Alt. about 735 ft.		
Geologist's log.		
Silt and fine pebbles, brown, damp	2.5	2.5
Gravel, fine to coarse, moderately rounded; matrix of silt and fine sand; medium to coarse silty rounded gravel, angular pebbles	11.5	14
Refusal, bedrock possibility, sand and gravel on augers, coarser sand to finer gravel.		at 14
HANCOCK 11. Alt. about 1430 ft.		
Owner's log.		
Hardpan	41	41
Schist	184	225
HINSDALE 1. Alt. about 1510 ft.		
Owner's log.		
Till	10.6	10.6
HINSDALE 2. Alt. about 1580 ft.		
Driller's log.		
Hardpan and boulders	68	68
HINSDALE 3. Alt. about 1430 ft.		
Driller's log.		
Sand, loamy	3	3
Sand	2	5
Sand, medium	1	6
Sand, loose, coarse and gravel.	4	10
Sand, fine and clay, compact	55	65
Sand, loose, coarse and gravel.	3	68
Sand, hard fine	6	74
Clay, hard blue	2	76
HINSDALE 4. Alt. about 1430 ft.		
Driller's log.		
Sand, loamy	2.7	2.7
Sand, coarse, and gravel	3.0	5.7
Sand, fine and clay, compact	63.5	69.2
HINSDALE 6. Alt. about 1440 ft.		
Driller's log.		
Loam, soft, loose sand, and gravel	12	12
Sand, hard, fine and little gravel	4	16
HINSDALE 7. Alt. about 1475 ft.		
Driller's log.		
Gravel	6	6
Gravel and boulders		at 6
LANESBOROUGH 2. Alt. about 1188 ft.		
Driller's log.		
Drift	83	83
Gravel	2	85
Till	35	120
LANESBOROUGH 3. Alt. about 1162 ft.		
Driller's log.		
Hardpan, no boulders	57.5	57.5
Limestone, gray	15.5	73
LANESBOROUGH 4. Alt. about 1370 ft.		
Driller's log.		
Hardpan, no boulders	77	77
Limestone, white	5	82
Quartzite	87	169
LANESBOROUGH 7. Alt. about 1121 ft.		
Owner's log.		
Clay, sand and gravel	30	30
Till	2	32
Rock		at 32
LANESBOROUGH 8. Alt. about 1122 ft.		
Owner's log.		
Peat	1	1
Clay, sand and gravel	29	30
Sand and clay	10.5	40.5
Rock		40.5
LANESBOROUGH 9. Alt. about 1128 ft.		
Owner's log.		
Clay, sand and gravel	25	25
Clay and sand	6	31
LANESBOROUGH 10. Alt. about 1123 ft.		
Owner's log.		
Clay, sand and gravel	11	11
Till (hardpan)	9	20
Clay, sand, and gravel	10.3	30.3
LANESBOROUGH 11. Alt. about 1123 ft.		
Owner's log.		
Clay, sand and gravel	32	32
LANESBOROUGH 12. Alt. about 1122 ft.		
Owner's log.		
Loam	1.5	1.5
Sand, gravel, some clay	10.5	12
Clay, some hardpan	10	22
Gravel, scattered and clay	2.5	24.5
Clay and sand	5.5	30
LANESBOROUGH 13. Alt. about 1119 ft.		
Owner's log.		
Peat	3	3
Clay, sand and gravel	9	12
Hardpan (till)	6	18
Clay	6	24
Clay and sand	4	28
Clay, sand and gravel	14	42
Rock		at 42
LANESBOROUGH 14. Alt. about 1120 ft.		
Owner's log.		
Peat	2	2
Clay and sand	6	8
Clay, gravel, hardpan	8	16
Clay, sand	20	36
Clay, scattered gravel	6.5	42.5
Rocks		at 42.5
LANESBOROUGH 17. Alt. about 1121 ft.		
Owner's log.		
Peat and clay	2	2
Clay and clay sand	3	5
Clay, sand and gravel	19	24
Sand, gravel, clay	5.5	29.5
LANESBOROUGH 23. Alt. about 1132 ft.		
Driller's log.		
Boulder clay	30	30
Berkshire schist	170	200
LANESBOROUGH 24. Alt. about 1180 ft.		
Driller's log.		
Boulder clay (till)	25	25
Brownstone, rotten (schist)	125	150
LANESBOROUGH 25. Alt. about 1140 ft.		
Driller's log.		
Till	8	8
Berkshire schist	156	164
LANESBOROUGH 26. Alt. about 1115 ft.		
Driller's log.		
Till	12	12
Berkshire schist	59	71
LANESBOROUGH 27. Alt. about 1145 ft.		
Owner's log.		
Silt, yellow, gray	50	50
Sand and gravel	100	150
Occasional layers of silt or clay all the way.		
LANESBOROUGH 29. Alt. about 1363 ft.		
Owner's log.		
Clay, black, brown, and gray	113	113
Limestone	175	288
LANESBOROUGH 30. Alt. about 1195 ft.		
Owner's log.		
Hardpan	20	20
Limestone, gray, white	43	63
Fault	2	65
Limestone	5	70
LANESBOROUGH 31. Alt. about 1164 ft.		
Driller's log.		
Gravel, coarse	1.5	1.5
Sand, coarse, and gravel	4	5.5
Gravel, coarse, sand, and clay	10	15.5
LANESBOROUGH 32. Alt. about 1150 ft.		
Owner's log.		
Hardpan	30	30
Gravel, medium	20	50
Sand, fine	2	52
Ledge		at 52
LANESBOROUGH 33. Alt. about 1100 ft.		
Owner's log.		
Fill	1	1
Silt, swampy (peaty)	8	9
Hardpan and clay	34	43
Sand and gravel	14	57
Hardpan	2	59
LANESBOROUGH 34. Alt. about 1290 ft.		
Geologist's log.		
Soil, dark brown, humic	1	1
Sand, silt, and some fine gravel; mostly silt and very fine sand; gray; many schist grains; compact; (till?)	20	21
Boulders or bedrock		at 21
LANESBOROUGH 35. Alt. about 1162 ft.		
Geologist's log.		
Sand and gravel; very fine sand to coarse gravel; brown	11	11
Sand and gravel; (no samples) scanty grains on auger flights look sharp and clean	49	60
Till; silty, sandy, pebbly; gray	19	79
LEE 1. Alt. about 855 ft.		
Owner's log.		
Hardpan, boulders	124	124
Sand, fine, clay, till	67	191
Sand, fine, clay	10	201
Sand, medium	38	239
LEE 3. Alt. about 885 ft.		
Owner's log.		
Surface deposit	134	134
Clay, fine, yellow, micaceous.	41	175
Gravel, non-calcareous, yellow	20	195
Gravel, sandy	40	235
Sand, yellow, loose, fine	25	260
Dolomite, white, shelly limestone, clean, porous	35	295
Base of Stockbridge limestone.	10	305
Gneiss	10	315
Schistose-fine black mica	30	345
Granite	33	378
LEE 4. Alt. about 845 ft.		
Owner's log.		
Clay, silt, sand and gravel	45	45
Limestone, blue	70	115
Limestone	75	190
No data available	180	370
Fault of cave	10	380
No data available (limestone?)	60	440
Limestone	150	590
No other data available.		

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
LEE 6. Alt. about 845 ft.		
Owner's log.		
Mud and silt	10	10
Silt and boulders	10	20
Sand, fine, and small stone	18	38
Limestone ledge or boulder	12	50
Gravel, sand, clay	30	80
Sand, clay	12	92
Sand and gravel	3	95
Sand and gravel, not cased below 95 ft	5	100
LEE 7. Alt. about 850 ft.		
Driller's log.		
Drift	7.5	7.5
Limestone, white	36.5	44.0
LEE 13. Alt. about 950 ft.		
Driller's log.		
Till	75	75
Gravel and sand	40	115
LEE 14. Alt. about 860 ft.		
Driller's log.		
Sand, gravel, boulders	50	50
Quicksand	36	86
Hardpan	26	112
Sand	2	114
LEE 17. Alt. about 1070 ft.		
Driller's log.		
Hardpan	24	24
Sand and gravel	4	28
LEE 21. Alt. about 920 ft.		
Owner's log.		
Silt, sand, gravel, and clay unconsolidated	50	50
Calcic mud	5	55
Silt, sand, gravel, and clay unconsolidated	3	58
Quartzite	132	190
Limestone, dolomite, marble (Stockbridge)	470	660
LEE 24. Alt. about 930 ft.		
Owner's log.		
Fill	5	5
Gravel, very coarse	7	12
Gravel, fine	9	21
Gravel, dirty	4	25
Hardpan and clay	2	27
Rock	3	30
LEE 27. Alt. about 962 ft.		
Driller's log.		
Drift	56	56
Limestone, white	118	174
LEE 28. Alt. about 1050 ft.		
Driller's log.		
Topsoil	2.5	2.5
Limestone, gray and marble, white	492.5	495
Brown, soft rock (dolomite)	10	505
LEE 29. Alt. about 1052 ft.		
Driller's log.		
Hardpan, no boulders	28	28
Limestone, gray	252	280
LEE 31. Alt. about 940 ft.		
Owner's log.		
Soil	2	2
Sand	10	12
Hardpan	40	52
Gravel	23	75
LEE 32. Alt. about 954 ft.		
Driller's log.		
Sand and gravel	46.5	46.5
Limestone, gray	51.5	98
LEE 33. Alt. about 962 ft.		
Driller's log.		
Hardpan, some gravel	40	40
Limestone, gray	32	72
LEE 36. Alt. about 860 ft.		
Driller's log.		
Sand, fine, mixed with mud	14	14
Sand, clay and stones	13	27
LEE 37. Alt. about 884 ft.		
Driller's log.		
Gravel	7	7
Hard clay with sand	4	11
LEE 50. Alt. about 1295 ft.		
Geologist's log.		
Soil, brown, humic	1	1
Sand and gravel; coarse, rocky	2	3
Sand and gravel; fine sand to fine gravel	4	7
Sand, very fine to coarse, brown	5	12
Sand and gravel; fine sand to medium gravel; brown, occasional coarse layers	52	64
Bottom, same as above, too rocky to drill on. Hole caved at 11.3 ft.		
LEE 51. Alt. about 850 ft.		
Geologist's log.		
Soil, sandy, clayey, brown	1	1
Sand and silt; clayey, brown, soft	6	7
Sand and some fine gravel, silty, brown, compact (till)	20	27
Boulders or bedrock		at 27
LEE 52. Alt. about 955 ft.		
Driller's log.		
Sand, very fine, tan	20	20
Sand and gravel, fine sand to medium gravel	10	30
Sand, fine to medium	10	40
Sand and gravel, coarse sand to medium gravel	10	50
Sand, fine to coarse with some fine gravel	10	60
Sand, medium to coarse with some fine gravel	15	75
Sand and gravel, coarse sand to fine gravel	5	80
LEE 54. Alt. about 1037 ft.		
Driller's log.		
Clay, brown; gravel	6	6
Clay, light brown, fine gravel	5	11
Clay, dark brown; fine gravel	4	15
LEE 55. Alt. about 1033 ft.		
Driller's log.		
Clay, brown; fine gravel	8.6	8.6
LEE 56. Alt. about 988 ft.		
Driller's log.		
Clay, brown, fine gravel	6	6
Clay, brown, running; gravel	4	10
LEE 57. Alt. about 921 ft.		
Driller's log.		
Clay, dark brown; fine gravel	4.5	4.5
LEE 58. Alt. about 921 ft.		
Driller's log.		
Clay, brown; fine gravel	8	8
LEE 59. Alt. about 953 ft.		
Driller's log.		
Clay, brown; sand; fine gravel	17	17
LEE 60. Alt. about 948 ft.		
Driller's log.		
Clay, red; sand	7.5	7.5
Sand, gray; gravel	13.3	20.8
LEE 61. Alt. about 891 ft.		
Driller's log.		
Silt, black; sandy	5	5
Sand, brown, running with pea gravel	10	15
LEE 62. Alt. about 932 ft.		
Driller's log.		
Clay, brown; fine gravel	9	9
Clay, brown, running; sand	9	18
LEE 63. Alt. about 1058 ft.		
Driller's log.		
Clay, brown; sand; fine gravel	8	8
Sand, gray; gravel	42	50
LEE 64. Alt. about 1126 ft.		
Driller's log.		
Clay, brown; sand; fine gravel	6	6
Clay, light brown; sand; fine gravel	5	11
Clay, gray; sand; fine gravel	4	15
LEE 65. Alt. about 1152 ft.		
Driller's log.		
Clay, brown; sand; fine gravel	10	10
Sand, gray; fine gravel	20	30
Sand, gray, running	20.5	50.5
LEE 66. Alt. about 1185 ft.		
Driller's log.		
Clay, brown; fine gravel	5	5
LEE 67. Alt. about 1269 ft.		
Driller's log.		
Sand, moist and clay	5	5
Sand, brown; and gravel	9	14
Sand, gray	26	40
LEE 68. Alt. about 1274 ft.		
Driller's log.		
Sand, moist, brown	7	7
Sand, moist, brown, fine	11	18
Sand, moist, brown; and gravel	12	30
Gravel, moist, gray	10	40
LEE 69. Alt. about 1268 ft.		
Driller's log.		
Topsoil, moist, black	4	4
Sand, gray, running	11	15
LEE 70. Alt. about 1283 ft.		
Driller's log.		
Topsoil, brown; clay; with gravel	5	5
Sand, brown; with gravel	15	20
LEE 71. Alt. about 1305 ft.		
Driller's log.		
Topsoil, brown	5	5
Sand; gravel	14	19
Granite rock	6	25
LEE 72. Alt. about 1396 ft.		
Driller's log.		
Topsoil, black	5	5
Silt, gravel	6	11
Granite boulder	1	12
Silt and gravel	1.6	13.6
Granite boulder	3.4	17
Silt and gravel	3	20
LEE 73. Alt. about 1370 ft.		
Driller's log.		
Topsoil, with sandy brown clay, and gravel	5	5
Clay, brown, sandy with gravel	5	10
Sand, brown with boulders	12.5	22.5
Boulders	2.5	25
LEE 74. Alt. about 855 ft.		
Geologist's log.		
Soil, brown, humic, silty grading to light brown, silty	2.5	2.5
Silt and very fine sand; greasy feel, mica specks, tan	6.5	9
Silt, grayish tan; heavy, coarse gravels throughout; clayey at 17-20 ft.; silent drilling--sand. Slightly more compact at 36 ft. and at 39 ft	43	52
Coarser material--possibly till	5	57
LEE 75. Alt. about 850 ft.		
Geologist's log.		
Soil, dark brown, humic, grading to silty sand, tan	4.5	4.5
Sand and gravel, medium sand to coarse gravel; pebbles rounded to subrounded, much quartzites	6	10.5
Clay, gray, some silty	46.5	57
LEE 76. Alt. about 850 ft.		
Geologist's log.		
Soil, dark brown, humic, grading to brown, sandy silt	5	5
Sand and gravel, medium sand to coarse gravel, oxidized brown color, much quartzites	6	11
Clay, gray; somewhat silty, tight drilling at 15 ft., becomes more compact	46	57
LEE 77. Alt. about 2000 ft.		
Geologist's log.		
Soil, brown, silty peat	3	3
Sand, silty, few pebbles; buff, wet at 6.5 ft	34	37
Bedrock		at 37

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thick-ness	Depth
LENOX 1. Alt. about 1055 ft.		
Driller's log.		
Hardpan and boulders	20	20
Limestone, white	51	71
LENOX 2. Alt. about 1358 ft.		
Driller's log.		
Hardpan and boulders	22	22
Limestone, gray	65	87
Rock, soft, black, abundant mica, rotted, peeled, flat, and stringy	104	191
LENOX 3. Alt. about 1007 ft.		
Driller's log.		
Hardpan and boulders	23	23
Limestone, white	21	44
LENOX 4. Alt. about 992 ft.		
Driller's log.		
Hardpan and boulders	36	36
Limestone, white	96	132
LENOX 5. Alt. about 1087 ft.		
Driller's log.		
Drift, no boulders	14	14
Limestone, white	179	193
LENOX 6. Alt. about 1250 ft.		
Driller's log.		
Till, no boulders	20	20
Hardpan	20	40
Schist, black	115	155
LENOX 7. Alt. about 1042 ft.		
Driller's log.		
Hardpan and boulders	77	77
Limestone, white	56	133
LENOX 8. Alt. about 1238 ft.		
Driller's log.		
Hardpan, no boulders	40	40
Bedrock, red and brown (schist)	248	288
LENOX 9. Alt. about 1350 ft.		
Driller's log.		
Topsoil	.4	.4
Schist	599.6	600
LENOX 11. Alt. about 1102 ft.		
Driller's log.		
Hardpan	43	43
Limestone, white	657	700
LENOX 33. Alt. about 970 ft.		
Driller's log.		
Sand, coarse, and gravel	7.5	7.5
Sand, coarse, firm	10.5	18
Sand, loose, sharp	23.5	41.5
Sand, hard, coarse, and gravel	4.5	46
Refusal		at 46
LENOX 34. Alt. about 970 ft.		
Driller's log.		
Sand, coarse, gravel and boulders	7	7
Sand, loose, coarse	14.5	21.5
Sand, loose, coarse, and coarse gravel	19	40.5
Sand, hard, coarse, and coarse gravel	3.5	44
Sand, hard, cemented, and gravel	3	47
LENOX 35. Alt. about 970 ft.		
Driller's log.		
Sand, hard, coarse, gravel and boulders	7.5	7.5
Refusal		at 7.5
LENOX 36. Alt. about 970 ft.		
Driller's log.		
Sand, hard, coarse, gravel and boulders	6	6
Refusal		at 6
LENOX 37. Alt. about 970 ft.		
Driller's log.		
Sand, hard, coarse, gravel and boulders	6	6
Refusal		at 6
LENOX 38. Alt. about 970 ft.		
Driller's log.		
Sand, hard, coarse, gravel and boulders	8	8
Sand, firm, coarse	12	20
Sand, firm, coarse, and coarse gravel	19.5	39.5
Sand, hard, coarse, and coarse gravel	9.5	49
LENOX 39. Alt. about 970 ft.		
Driller's log.		
Sand, hard, coarse; coarse gravel and boulders	9.5	9.5
Sand, loose, coarse	9.5	19
Sand, loose, coarse and coarse gravel	8.5	27.5
Sand, loose, coarse	13	40.5
Sand, hard, coarse, and coarse gravel	13.5	54
LENOX 40. Alt. about 970 ft.		
Driller's log.		
Fill, sand, gravel, and boulders	6	6
Sand, hard, coarse, and coarse gravel	8	14
Sand, coarse	11	25
Sand, loose, coarse, and gravel	7	32
Sand, loose, coarse	14.5	46.5
Sand, hard, coarse, and coarse gravel	10.5	57
LENOX 41. Alt. about 1120 ft.		
Driller's log.		
Sand, hard, coarse, and gravel	4.5	4.5
Sand, hard, coarse, little clay and gravel	6	10.5
Refusal		at 10.5
LENOX 42. Alt. about 960 ft.		
Geologist's log.		
Soil, brown, silty, sandy	1	1
Silt and very fine sand	56	57
LENOX 43. Alt. about 970 ft.		
Geologist's log.		
Soil, brown	.5	.5
Sand, very fine to fine, light brown	64.5	65
Sand, very fine to fine with few pebbles; brown; compact. Bottom, sand. Hole caved at 2.5 ft.	57	122
LENOX 44. Alt. about 960 ft.		
Owner's log.		
Sand and traces of clay	18	18
Sand and clay	6	24
Clay, gray, firm	7	31
Sand, fine, and sharp gravel	5	36
LENOX 45. Alt. about 957 ft.		
Owner's log.		
Sand, fine	12	12
Clay, sandy	3	15
Clay, fine, medium	16	31
Clay, sandy	9	40
Clay, fine, sandy	13	53
Sand, fine, and gravel, fine	9	62
Sand, fine, and gravel, sharp	8	70
LENOX 46. Alt. about 895 ft.		
Owner's log.		
Gravel, brown	10	10
Hardpan and boulders	8	18
LENOX 47. Alt. about 895 ft.		
Owner's log.		
Gravel, brown	11	11
Hardpan and boulders	9	20
Sand, fine, gray, and clay	5	25
Hardpan	2	27
LENOX 48. Alt. about 915 ft.		
Owner's log.		
Loam	4	4
Clay, gray, fine	6	10
LENOX 49. Alt. about 910 ft.		
Owner's log.		
Loam	4	4
Silt, fine; clay, gray, fine	12	16
Clay, gray; sharp gravel	19	35
Gravel, sharp, gray	2	37
LENOX 50. Alt. about 910 ft.		
Owner's log.		
Loam	3	3
Hardpan and boulders	11	14
LENOX 51. Alt. about 910 ft.		
Owner's log.		
Loam	4	4
Hardpan and boulders	12	16
LENOX 52. Alt. about 1040 ft.		
Owner's log.		
Peat	8	8
Silt, fine, gray; firm, gray clay	28	36
Hardpan	3	39
LENOX 53. Alt. about 1050 ft.		
Driller's log.		
Loam and peat	7	7
Silt, fine, gray and clay, fine, gray	41	48
Gravel, brown, mixed with fine silt	4	52
Hardpan	3	55
LENOX 54. Alt. about 1060 ft.		
Driller's log.		
Loam	3	3
Sand, gray	8	11
Clay, firm, gray and fine sand	33	44
Hardpan	2	46
LENOX 55. Alt. about 1045 ft.		
Owner's log.		
Peat	7	7
Clay, firm, gray	21	28
Gravel, sharp, mixed with gray clay	31	59
Hardpan	2	61
LENOX 56. Alt. about 1050 ft.		
Owner's log.		
Peat	6	6
Gravel, sharp, mixed with gray clay	22	28
Clay, firm, and hardpan	7	35
LENOX 57. Alt. about 1060 ft.		
Owner's log.		
Peat	6	6
Clay, fine, gray	10	16
LENOX 58. Alt. about 1055 ft.		
Owner's log.		
Sand, fine, brown	12	12
Clay, fine, gray	11	23
Gravel, sharp, mixed with clay	10	33
LENOX 59. Alt. about 1065 ft.		
Owner's log.		
Peat	9	9
Clay, firm, gray	11	20
Clay, gray, and fine silt	38	58
Hardpan and sharp gravel	4	62
LENOX 60. Alt. about 1065 ft.		
Owner's log.		
Peat	7	7
Sand, fine, brown	9	16
Clay, fine, gray	49	65
Gravel, sharp, and fine, gray clay	3	68
MONTEREY 1. Alt. about 1170 ft.		
Driller's log.		
Hardpan, no boulders	60	60
Limestone, decayed with some yellow ocher	110	170
MONTEREY 2. Alt. about 1230 ft.		
Driller's log.		
Hardpan and boulders	70	70
Gravel, sand with clay binder.	8	78
MONTEREY 3. Alt. about 1402 ft.		
Driller's log.		
Hardpan, clay and boulders	73	73
Limestone, decayed, yellow	51	124
MONTEREY 4. Alt. about 1475 ft.		
Driller's log.		
Hardpan and boulders	33	33
Limestone, gray	99	132
MONTEREY 5. Alt. about 1332 ft.		
Driller's log.		
Hardpan, no boulders	26	26
Gneiss	9	35
MONTEREY 10. Alt. about 1750 ft.		
Driller's log.		
Hardpan	25	25
Gneiss	480	505
MONTEREY 11. Alt. about 1285 ft.		
Driller's log.		
Mud	2	2
Gravel, coarse	18	20
Limestone	10	30
Pulled at 30 ft.		

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
MONTEREY 12. Alt. about 1285 ft.		
Driller's log.		
Mud	3	3
Gravel	5	8
Sand and gravel	12	20
Gravel, coarse	5	25
Limestone	4.5	29.5
Pulled at 30 ft.		
MONTEREY 13. Alt. about 1285 ft.		
Driller's log.		
Mud	3	3
Gravel, coarse	4	7
Limestone	23	30
Pulled at 30 ft.		
MONTEREY 14. Alt. about 1285 ft.		
Driller's log.		
Mud	4	4
Gravel, coarse	4	8
Sand, fine	2	10
Gravel, coarse	10	20
Limestone	10	30
MONTEREY 15. Alt. about 1285 ft.		
Driller's log.		
Mud	6	6
Clay and coarse gravel	19	25
MONTEREY 16. Alt. about 1285 ft.		
Driller's log.		
Mud	3	3
Gravel, coarse	5	8
Clay and gravel	2	10
Gravel, coarse	10	20
Limestone	10	30
MONTEREY 17. Alt. about 1285 ft.		
Driller's log.		
Mud	8	8
Clay	2	10
Sand and gravel	10	20
Limestone	10	30
MONTEREY 18. Alt. about 1285 ft.		
Driller's log.		
Mud	2	2
Limestone	28	30
MONTEREY 22. Alt. about 1170 ft.		
Owner's log.		
Hardpan (till)	16.5	16.5
NEW MARLBOROUGH 1. Alt. 693.3 ft.		
Driller's log.		
Sand and gravel, silty	3.0	3.0
Sand, fine with little clay, some gravel	13.2	16.2
Sand, compact, very fine, with some clay	6.6	22.8
Refusal		at 22.8
NEW MARLBOROUGH 2. Alt. 691.8 ft.		
Driller's log.		
Sand and gravel, silty	4	4
Sand, medium	8.4	12.4
Sand and gravel, compact, with some clay	11.3	23.7
Refusal		at 23.7
NEW MARLBOROUGH 3. Alt. 696.5 ft.		
Driller's log.		
Sand, fine, silty, with some gravel	8	8
Sand, gravel, and little clay	6.5	14.5
Sand, gravel, and little clay, compact	10.2	24.7
Sand, gravel, and little clay, very compact	9.6	34.3
Refusal		at 34.3
NEW MARLBOROUGH 4. Alt. about 697 ft.		
Driller's log.		
Sand, fine, silty, with some gravel	12	12
Sand, gravel, and little clay	7.4	19.4
Sand, gravel, and little clay, compact	13.3	32.7
Refusal		at 32.7
NEW MARLBOROUGH 5. Alt. about 980 ft.		
Driller's log.		
Muck, swamp, black	.5	.5
"Silica rock", rotten (quartzite)	19.5	20
NEW MARLBOROUGH 6. Alt. about 980 ft.		
Driller's log.		
Muck, swamp	.5	.5
"Silica rock" rotten (quartzite)	30.5	31
NEW MARLBOROUGH 8. Alt. about 980 ft.		
Driller's log.		
Muck, black, swamp	1	1
Clay, yellow, ocher	66	67
NEW MARLBOROUGH 9. Alt. about 980 ft.		
Driller's log.		
Muck, black, swamp	.5	.5
Quartzite, brown	34.5	35
Clay, yellow, ocher	5	40
NEW MARLBOROUGH 11. Alt. about 980 ft.		
Driller's log.		
Muck, black, swamp	.5	.5
Quartzite, brown	30	30.5
NEW MARLBOROUGH 13. Alt. about 782 ft.		
Driller's log.		
Hardpan, no boulders	34	34
Rock, light gray, crumbly, sandy	20	54
NEW MARLBOROUGH 14. Alt. about 699 ft.		
Driller's log.		
Hardpan	10	10
Limestone, gray	131	141
NEW MARLBOROUGH 15. Alt. about 1225 ft.		
Owner's log.		
Overburden	65	65
Gneiss	133	198
NEW MARLBOROUGH 16. Alt. about 882 ft.		
Owner's log.		
Gravel and boulders	15	15
Limestone, gray and white	427	442
NEW MARLBOROUGH 18. Alt. about 860 ft.		
Driller's log.		
Sand, gravel, and stones	9	9
Sand and gravel, hard packed	6	15
Sand, fine	14	29
Sand, hard packed, coarse	4	33
NEW MARLBOROUGH 19. Alt. about 860 ft.		
Driller's log.		
Sand and gravel	4	4
Sand and gravel, hard packed	6	10
Sand, fine	6	16
Sand and gravel, hard packed	5	21
NEW MARLBOROUGH 20. Alt. about 860 ft.		
Driller's log.		
Filling, sand and gravel	12	12
Sand and gravel, hard packed	4	16
Sand, fine	13	29
Clay and sand	6	35
NEW MARLBOROUGH 21. Alt. about 860 ft.		
Driller's log.		
Stones, sand and gravel	4	4
Sand and gravel, hard packed	7	11
Sand, fine	5	16
Clay and sand	4	20
NEW MARLBOROUGH 52. Alt. about 980 ft.		
Owner's log.		
Sand, fine, buff, and some coarse gravel (till)	60	60
Limestone, light gray-dark gray near bottom	53	113
NEW MARLBOROUGH 53. Alt. about 405 ft.		
Geologist's log.		
Sand, very well sorted, very fine angular quartz sand, silt	5	5
Gravel?, drilling hard	11	16
Sand?, drilling easier	23	39
Sand, gravelly; silt, very fine to very coarse sand, and fine gravel, poor sorting	36	75
Till, sandy?, fine to medium, gravel, some garnets, drilling very tight	7.5	82.5
Refusal; very compact bottom		at 82.5
PITTSFIELD 2. Alt. about 990 ft.		
Owner's log.		
Sand and gravel	32	32
Limestone	431	463
PITTSFIELD 3. Alt. about 1000 ft.		
Owner's log.		
Hardpan	35	35
Dolomite	315	350
PITTSFIELD 4. Alt. about 1078 ft.		
Owner's log.		
Unconsolidated material	70	70
Bedrock	525	595
PITTSFIELD 18. Alt. about 1090 ft.		
Driller's log.		
Soil	.5	.5
Limestone, gray	84.5	85
PITTSFIELD 19. Alt. about 1090 ft.		
Driller's log.		
Limestone, gray	28	28
PITTSFIELD 21. Alt. about 1136 ft.		
Driller's log.		
Boulders and rotten rock	10	10
Schist	55	65
PITTSFIELD 22. Alt. about 1180 ft.		
Driller's log.		
Till, sand, gravel	15	15
Schist with some limestone streaks	110	125
PITTSFIELD 23. Alt. about 1164 ft.		
Driller's log.		
Boulder clay	25	25
Limestone, schist	40	65
PITTSFIELD 24. Alt. about 1144 ft.		
Driller's log.		
Till and sand	12	12
Schist	45	57
PITTSFIELD 25. Alt. about 1116 ft.		
Driller's log.		
Till	10	10
Limestone	50	60
PITTSFIELD 26. Alt. about 1182 ft.		
Driller's log.		
Clay	70	70
Limestone	71	141
PITTSFIELD 27. Alt. about 1080 ft.		
Driller's log.		
Till	25	25
Bedrock, faulted with iron ore in pockets (red and yellow ore)	275	300
PITTSFIELD 28. Alt. about 1012 ft.		
Driller's log.		
Till	55	55
Limestone, gray	245	300
PITTSFIELD 29. Alt. about 1062 ft.		
Driller's log.		
Till	15	15
Limestone, gray	154	169
PITTSFIELD 30. Alt. about 1058 ft.		
Driller's log.		
Till	15	15
Rock, soft, brown	47	62
PITTSFIELD 31. Alt. about 1135 ft.		
Driller's log.		
Till	40	40
Quicksand	2	42
Bedrock, brown, honeycombed, irregular fractures, can be sliced or whittled	23	65
PITTSFIELD 32. Alt. about 1037 ft.		
Driller's log.		
Mud and sand	10.6	10.6
Refusal		at 10.6
PITTSFIELD 33. Alt. about 1041 ft.		
Driller's log.		
Fill, clay, sand and gravel	3	3
Mud and sand	10.8	13.8
Refusal		at 13.8

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thick-ness	Depth
PITTSFIELD 34. Alt. about 1035 ft.		
Driller's log.		
Mud and sand	10.8	10.8
Refusal		at 10.8
PITTSFIELD 35. Alt. about 1035 ft.		
Driller's log.		
Mud and sand	7	7
Sand, compact, very fine and clay	.2	7.2
Refusal		at 7.2
PITTSFIELD 36. Alt. about 1037 ft.		
Driller's log.		
Mud and sand	9	9
Sand, compact, very fine and clay	1.7	10.7
Refusal		at 10.7
PITTSFIELD 37. Alt. about 1038 ft.		
Driller's log.		
Mud and sand	8	8
Sand, compact, very fine and clay	1.5	9.5
Refusal		at 9.5
PITTSFIELD 38. Alt. about 984 ft.		
Driller's log.		
Topsoil, sandy	2	2
Sand	10	12
Sand and gravel	28	40
PITTSFIELD 39. Alt. about 985 ft.		
Driller's log.		
Topsoil, sandy loam	3	3
Sand	7	10
Sand and gravel	15	25
PITTSFIELD 40. Alt. about 985 ft.		
Driller's log.		
Topsoil, sandy	2	2
Sand	6	8
Sand and gravel	32	40
PITTSFIELD 41. Alt. about 985 ft.		
Driller's log.		
Topsoil, sandy	1	1
Sandy material	18	19
Clay and gravel	4	23
PITTSFIELD 42. Alt. about 986 ft.		
Driller's log.		
Topsoil, sandy loam	2	2
Sand	6	8
Sand and gravel	17	25
PITTSFIELD 43. Alt. about 985 ft.		
Driller's log.		
Topsoil, sandy	1	1
Sandy material	18	19
Clay and gravel	4	23
PITTSFIELD 44. Alt. about 985 ft.		
Driller's log.		
Topsoil and sandy loam	2	2
Sand	6	8
Gravel and sand	17	25
PITTSFIELD 48. Alt. about 1035 ft.		
Driller's log.		
Peat and silt	7	7
Gravel	2	9
Refusal		at 9
PITTSFIELD 49. Alt. about 1035 ft.		
Driller's log.		
Peat and silt	6	6
Gravel	2.5	8.5
Clay	3.5	12
PITTSFIELD 50. Alt. about 1035 ft.		
Driller's log.		
Peat and silt	6	6
Clay with some stone	6	12
Refusal		at 12
PITTSFIELD 51. Alt. about 1050 ft.		
Geologist's log.		
Topsoil	1	1
Gravel	18	19
Sand, medium	12.5	31.5

	Thick-ness	Depth
PITTSFIELD 52. Alt. about 1108 ft.		
Geologist's log.		
Fill	2	2
Sand and gravel, silt and very fine sand to coarse gravel; many schist pebbles; matrix smooth, greasy feel	43	45
Till, gray, gravelly, clayey, silty	6	51
Boulder or bedrock		at 51
PITTSFIELD 54. Alt. about 970 ft.		
Geologist's log.		
Sand, very fine to medium, mostly fine, brown, some mica flakes, very few pebbles	122	122
PITTSFIELD 55. Alt. about 990 ft.		
Geologist's log.		
Soil, brown, loamy	2.5	2.5
Sand, very fine, and silty	95.5	98
Till, sandy, silty, pebbly	14	112
Sand, very fine, and silty	10	122
PITTSFIELD 56. Alt. about 998 ft.		
Geologist's log.		
Sand, very fine and silt, tan.	3	3
Silt; very fine sand; peat, chocolate brown	10	13
Sand, very fine, some fine; silt, gray	16	29
Sand and gravel, alternating coarse and fine layers, mostly sand	37	66
Sand, fine to coarse, silty, compact; some fine gravel	32	98
Boulders or bedrock		at 98
PITTSFIELD 57. Alt. about 1045 ft.		
Geologist's log.		
Sand, brown, very fine to fine	25	25
Sand and gravel, rocky	6	31
Till or sand, hard drilling	11	42
Sand, very compact at 54-62 ft	20	62
PITTSFIELD 58. Alt. about 1040 ft.		
Geologist's log.		
Soil, brown, silty, pebbly	2	2
Sand and gravel, coarse, silty, brown	10	12
Sand, brown, very fine to medium, micaceous	16	28
Sand, coarse, and gravel	21	49
Sand, compact	14	63
Till	8	71
PITTSFIELD 59. Alt. about 1010 ft.		
Geologist's log.		
Silt, sand, gravel, boulders	19	19
Till (unable to penetrate)	3	22
PITTSFIELD 60. Alt. about 1010 ft.		
Geologist's log.		
Sand, very fine to coarse, brown	21	21
Sand; gravel; boulders	2.5	23.5
PITTSFIELD 61. Alt. about 1015 ft.		
Geologist's log.		
Sand, very fine to medium, brown, coarse seam at 15 ft.	25	25
Sand; gravel; boulders	3.5	28.5
Sand and gravel; silt; clay	5.5	34
PITTSFIELD 62. Alt. about 1015 ft.		
Geologist's log.		
Sand and gravel, fine sand to medium gravel	28.5	28.5
Boulders	2.5	31
Till	3	34
PITTSFIELD 63. Alt. about 1040 ft.		
Geologist's log.		
Soil, brown, silty	1.5	1.5
Sand, coarse, and gravel	6.5	8
Sand, very fine to medium, some clay or silt	4.5	12.5
Sand and gravel; boulder	4.5	17
Sand; some boulders	15.5	32.5
Gravel; interbedded sand; boulders	4.5	37
Sand, color changes to orange-buff, grading to till	18	55

	Thick-ness	Depth
PITTSFIELD 64. Alt. about 1020 ft.		
Owner's log.		
Hardpan	10	10
Limestone	410	420
PITTSFIELD 65. Alt. about 1155 ft.		
Geologist's log.		
Soil, brown, silty, clayey	1	1
Till, buff, sandy, pebbly, silty	4.5	5.5
Sand or silt, very fine with pebbles, buff and gray, compact	6	11.5
Sand, silty, pebbly, slightly clayey? wet	10.5	22
Till, buff, pebbly, silty, clayey, grading to gray	5	27
PITTSFIELD 66. Alt. about 1105 ft.		
Geologist's log.		
Soil, brown, grading to brown clay	2	2
Sand and gravel, fine sand to medium gravel, mostly sand; pebbles of schist	13	15
Clay, brown, greasy; sand	5	20
Sand; gravel; boulders	3.5	23.5
Till, gray, pebbly (schist) silty matrix calcerous	1	24.5
Boulders, can't penetrate		at 24.5
PITTSFIELD 67. Alt. about 1100 ft.		
Geologist's log.		
Soil, brown, peaty	.1	1
Sand, very fine to medium and some gravel, buff, coarser 6 to 9 ft.	14	15
Silt and sand, easy drilling	9	24
Sand and rocks	5	29
Till, compact, gray, silty, pebbly, clayey; boulder at 32 ft. and 34 ft.	6.5	35.5
Boulder or bedrock		at 35.5
RICHMOND 1. Alt. about 983 ft.		
Driller's log.		
Drift--no boulders	11	11
Limestone, white	32	43
Crevice at 42.5-43 ft. Water containing much mica at 11 ft.		
RICHMOND 2. Alt. about 970 ft.		
Driller's log.		
Soil, no boulders	17	17
Shale, black	58	75
RICHMOND 3. Alt. about 980 ft.		
Driller's log.		
Drift--no boulders	18	18
Gravel, light gray	3	21
Limestone, white		at 21
RICHMOND 4. Alt. about 960 ft.		
Driller's log.		
Hardpan and boulders	27	27
Limestone, white	51	78
RICHMOND 5. Alt. about 1030 ft.		
Driller's log.		
Hardpan and boulders	43	43
Limestone, white	47	90
RICHMOND 6. Alt. about 1122 ft.		
Driller's log.		
Hardpan and large boulders	68	68
Limestone, white	52	120
RICHMOND 7. Alt. about 1182 ft.		
Driller's log.		
Limestone	155	155
RICHMOND 8. Alt. about 1060 ft.		
Driller's log.		
Soil	12	12
Limestone, white	38	50
RICHMOND 9. Alt. about 1123 ft.		
Driller's log.		
Gravel	52	52
Limestone, gray	20	72
RICHMOND 12. Alt. about 1175 ft.		
Owner's log.		
Soil and hardpan	50	50
Limestone cavity with chips of ochre	230	280

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
SHEFFIELD 5. Alt. about 664 ft.		
Owner's log.		
Clay	2	2
Sand, fine, brown	16	18
SHEFFIELD 6. Alt. about 664 ft.		
Owner's log.		
Clay	2	2
Sand, brown	16	18
SHEFFIELD 7. Alt. about 664 ft.		
Owner's log.		
Clay	2	2
Sand, brown	18	20
Clay, blue	2	22
SHEFFIELD 8. Alt. about 664 ft.		
Owner's log.		
Clay	2	2
Sand, brown	18	20
Clay, blue	2	22
SHEFFIELD 9. Alt. about 664 ft.		
Owner's log.		
Clay	2	2
Sand, brown	18	20
Clay, blue	10	30
SHEFFIELD 10. Alt. about 675 ft.		
Owner's log.		
Clay	20	20
SHEFFIELD 11. Alt. about 670 ft.		
Owner's log.		
Clay	129	129
SHEFFIELD 15. Alt. about 748 ft.		
Driller's log.		
Drift, no boulders	65	65
Limestone, white	87	152
SHEFFIELD 16. Alt. about 900 ft.		
Driller's log.		
Drift, no boulders	24	24
Bedrock, buff	43	67
SHEFFIELD 17. Alt. about 664 ft.		
Owner's log.		
Clay, yellow-green	112	112
Limestone, decayed, yellow	18	130
SHEFFIELD 18. Alt. about 998 ft.		
Driller's log.		
Drift, composed of mixed hardpan sand and gravel	96	96
SHEFFIELD 19. Alt. about 840 ft.		
Owner's log.		
Unconsolidated	70	70
Ledge	35	105
Soil, clayey	115	220
SHEFFIELD 20. Alt. about 700 ft.		
Driller's log.		
Soil	1	1
Bedrock	89	90
SHEFFIELD 21. Alt. about 675 ft.		
Driller's log.		
Soil	6	6
Schist	99	105
SHEFFIELD 22. Alt. about 675 ft.		
Driller's log.		
Soil	9	9
Quartzite	81	90
SHEFFIELD 23. Alt. about 670 ft.		
Driller's log.		
Gravel	20	20
Hardpan, no boulders	20	40
Limestone, white	210	250
SHEFFIELD 24. Alt. about 675 ft.		
Driller's log.		
Sand, light brown	75	75
Limestone, rotten white	5	80
Limestone, solid white	30	110
SHEFFIELD 25. Alt. about 680 ft.		
Driller's log.		
Sand?	30	30
Rock, black, soft	137	167
SHEFFIELD 26. Alt. about 680 ft.		
Driller's log.		
Sand, brown	70	70
Gravel, brown	10	80
SHEFFIELD 27. Alt. about 680 ft.		
Driller's log.		
Sand, fine brown	104	104
Bedrock	2	106
SHEFFIELD 31. Alt. about 708 ft.		
Driller's log.		
Topsoil	5	5
Clay, blue	60	65
Gravel		at 65
SHEFFIELD 32. Alt. about 660 ft.		
Driller's log.		
Clay and sand, mixed	218	218
Sand, coarse	2	220
SHEFFIELD 33. Alt. 655.4 ft.		
Driller's log.		
Fill, sand and gravel	2	2
Clay, soft, yellow	5.5	7.5
Sand, loose, fine, gray	7.5	15.0
Sand, coarse, loose, and gravel	10.0	25.0
Clay, medium blue and little sand	3.0	28.0
Clay, soft, blue	64.0	92.0
Sand, firm, gravel and clay	4.5	96.5
Refusal		at 96.5
SHEFFIELD 34. Alt. 653.3 ft.		
Driller's log.		
Loam	1.0	1.0
Sand, loose, fine, yellow, little clay	5.5	6.5
Sand, loose, fine, gray and little clay	5.5	12.0
Sand, firm, coarse and gravel	4.5	16.5
Clay, soft, gray	51.0	67.5
Clay, medium, sand and gravel	2.5	70.0
Sand, hard cemented and gravel	12.0	82.0
SHEFFIELD 35. Alt. 658.6 ft.		
Driller's log.		
Fill, sand, gravel and boulders	6.0	6.0
Clay, soft, yellow	6.0	12.0
Sand, loose, fine, yellow	8.0	20.0
Sand, loose, coarse, and gravel	3.5	23.5
Sand, firm, coarse and gravel	2.0	25.5
Clay, soft, gray	52.5	78.0
Sand, firm, gravel and little clay	5.0	83.0
Sand, hard cemented and gravel	6.0	89.0
SHEFFIELD 36. Alt. 658.7 ft.		
Driller's log.		
Fill, sand and gravel	6.0	6.0
Sand, fine, yellow, and little clay	6.5	12.5
Sand, firm, fine, yellow, and little clay	3.5	16.0
Sand, firm, fine, gray	9.5	25.5
Sand, firm, coarse, and gravel	4.5	30.0
Clay, soft, gray	73.5	103.5
Sand, hard cemented and gravel	3.5	107.0
Sand, hard cemented, gravel and boulders	5.0	112.0
SHEFFIELD 37. Alt. 674.9 ft.		
Driller's log.		
Mud	3.5	3.5
Sand, compact, and gravel	3.0	6.5
Clay, rubbery	23.0	29.5
SHEFFIELD 38. Alt. 657.3 ft.		
Driller's log.		
Sand, fine, and river silt	6.7	6.7
Clay, very compact, sand, gravel and rocks	5.8	12.5
SHEFFIELD 39. Alt. about 590 ft.		
Driller's log.		
Gravel, soft, muddy	7	7
Gravel, hard		at 7
SHEFFIELD 40. Alt. about 650 ft.		
Driller's log.		
Gravel and clay	4	4
Clay	21	25
SHEFFIELD 43. Alt. about 680 ft.		
Driller's log.		
Gravel, fine	10.3	10.3
Sand, fine	6.0	16.3
Gravel, hard	1.1	17.4
Refusal		at 17.4
SHEFFIELD 44. Alt. about 883.8 ft.		
Driller's log.		
Sand mixed with mud	5.3	5.3
Sand, compact and clay	8.4	13.7
Refusal		at 13.7
SHEFFIELD 45. Alt. about 883.8 ft.		
Driller's log.		
Sand, gravel and mud	6.5	6.5
Sand, compact, gravel, rocks and clay	9.3	15.8
Refusal		at 15.8
SHEFFIELD 59. Alt. about 680 ft.		
Geologist's log.		
Soil	1	1
Sand and gravel, fine sand to fine gravel, mostly sand	2	3
Sand and silt, mostly very fine sand, comtains mica flakes	54	57
SHEFFIELD 60. Alt. about 675 ft.		
Owner's log.		
Sand, very fine, silty	198	198
Sand and gravel, fine	42	240
Hardpan, gray till	10	250
Sandstone, light cream to white, fine grained	93	343
SHEFFIELD 61. Alt. about 950 ft.		
Owner's log.		
Hardpan	52	52
Schist, gray	83	135
SHEFFIELD 62. Alt. about 660 ft.		
Owner's log.		
Unconsolidated materials	25	25
Limestone	125	150
SHEFFIELD 67. Alt. about 665 ft.		
Driller's log.		
Sand, fine, gray	15	15
Clay, gray	200	215
Clay, brown, sandy	10	225
Sand, fine	1	226
Clay, gray	16	242
Sand, coarse	8	250
SHEFFIELD 68. Alt. about 735 ft.		
Geologist's log.		
Soil, loam, brown	.5	.5
Gravel, fine to coarse, no sample recovery	4.5	5.0
Sand, no recovery	2.0	7.0
Till, silty, sandy, gravelly, rocky, hard drilling	5.0	12.0
Bottom of till too rocky to penetrate.		
SHEFFIELD 69. Alt. about 745 ft.		
Geologist's log.		
Soil, dark, brown loam	1	1
Sand and gravel, very fine sand to medium gravel; schist grains evident, mostly very fine sand, brown	11	12
Boulders or bedrock		at 12
SHEFFIELD 70. Alt. about 712 ft.		
Geologist's log.		
Soil, brown	.5	.5
Sand and some gravel; silt and very fine sand to medium gravel; mostly very fine sand, brown	45.5	46.0
Sand and silt; very fine; gray; some clayey	47.0	93.0
Boulders or bedrock		at 93.0
SHEFFIELD 71. Alt. about 675 ft.		
Geologist's log.		
Soil, brown, clayey	4	4
Clay, brown, silty	5	9
Clay, gray, silty	75	84
Till, gray, few pebbles, silty clayey, similar to clay but pebbly	6	90
SHEFFIELD 72. Alt. about 690 ft.		
Geologist's log.		
Soil, brown, silty, clayey	3	3
Silt, clayey, brown	3	6
Silt, clayey, gray and very fine sand	33	39
Sand, very fine with some pebbles, gray, compact (sandy till)	23	62

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
SHEFFIELD 73. Alt. about 740 ft.		
Owner's log.		
Unconsolidated, clay to boulders	28	28
Schist, micaceous, alternate hard and soft layers	152	180
Granite gneiss	25	205
SHEFFIELD 74. Alt. about 645 ft.		
Geologist's log.		
Sand, very fine, brown, well sorted	9	9
Silt, gray, very well sorted	1	10
Sand, fine	15	25
Sand, medium to coarse, silt	12.3	37.3
Silt, brown, very well sorted, fine sand	20	57.3
Sand, very fine and silt	20	77.3
Silt to very fine, angular, quartz sand	15	92.3
Silt, fine sand, scattered coarser grains	20	112.3
Silt, gray-brown, very well sorted, very fine sand	25	137.3
Till, sandy, some angular fine pebbles in gray matrix of silt and very fine sand.		
SHEFFIELD 75. Alt. about 700 ft.		
Geologist's log.		
Sand, brown, fine well sorted quartz sand, angular	7	7
Sand, very fine to medium; very fine sand and silt	5	12
Sand and gravel, gray-brown, very fine to very coarse sand, fine gravel	30	42
Silt, clayey, gray, greasy, some sand grains	20	62
Silt, clayey, some sand, till, fine gravel	25	87
Till, silty till, fine to medium gravel, sand, compact, boulders		at 87
STOCKBRIDGE 8. Alt. about 1020 ft.		
Driller's log.		
Hardpan, few boulders	84	84
Limestone, gray, some white	408	492
STOCKBRIDGE 17. Alt. about 944 ft.		
Driller's log.		
Hardpan, no boulders	68	68
Limestone, gray	4	72
STOCKBRIDGE 18. Alt. about 762 ft.		
Driller's log.		
Topsoil	4	4
Gravel, gray	80	84
STOCKBRIDGE 26. Alt. 841.8 ft.		
Driller's log.		
Loam	1.3	1.3
Sand, silty	8.7	10.0
Sand and little clay	9.7	19.7
Sand and little clay on rock	6.3	26.0
STOCKBRIDGE 27. Alt. 840.0 ft.		
Driller's log.		
Sand and little clay	24.2	24.2
Gravel and clay on rock	1.6	25.8
Refusal		at 25.8
STOCKBRIDGE 28. Alt. 839.7 ft.		
Driller's log.		
Loam	2.3	2.3
Sand, fine	11.0	13.3
Sand with little clay	9.5	22.8
Gravel and clay on rock	8.5	31.3
Refusal		at 31.3
STOCKBRIDGE 29. Alt. 837.5 ft.		
Driller's log.		
Mud, sand and gravel	3.0	3.0
Sand, fine with a little clay	18.0	21.0
Clay, compact, sand and gravel	7.0	28.0
STOCKBRIDGE 30. Alt. 835.4 ft.		
Driller's log.		
Sand, silty	4.0	4.0
Clay	9.3	13.3
Clay and gravel	19.8	33.1
STOCKBRIDGE 31. Alt. 836.3 ft.		
Driller's log.		
Sand	4.5	4.5
Clay and sand	20.5	25.0
Clay and stones	11.0	36.0
Sand, clay, rocks	5.5	41.5
Refusal		at 41.5
STOCKBRIDGE 32. Alt. 835.5 ft.		
Driller's log.		
Sand, silty	3.0	3.0
Sand and clay	24.3	27.3
Sand, clay and stones	12.6	39.9
Refusal		at 39.9
STOCKBRIDGE 33. Alt. 836.2 ft.		
Driller's log.		
Mud	4.0	4.0
Clay and sand	25.0	29.0
Clay, sand, stones	4.5	33.5
Refusal		at 33.5
STOCKBRIDGE 34. Alt. 831.2 ft.		
Driller's log.		
Loam	2.2	2.2
Sand and clay	2.1	4.3
Refusal		at 4.3
STOCKBRIDGE 35. Alt. 831.2 ft.		
Driller's log.		
Loam	2.3	2.3
Sand and clay	3.0	5.3
Refusal		at 5.3
STOCKBRIDGE 36. Alt. 831.6 ft.		
Driller's log.		
Loam	2.3	2.3
Sand and clay	4.0	6.3
STOCKBRIDGE 37. Alt. 831.6 ft.		
Driller's log.		
Loam	2.7	2.7
Sand and clay	4.1	6.8
Refusal		at 6.8
STOCKBRIDGE 38. Alt. 832.2 ft.		
Driller's log.		
Mud and sand	5.5	5.5
Sand and clay	9.2	14.7
Rocks and clay	4.3	19.0
Refusal		at 19.0
STOCKBRIDGE 39. Alt. 831.5 ft.		
Driller's log.		
Mud	5.1	5.1
Refusal		at 5.1
STOCKBRIDGE 40. Alt. 831.5 ft.		
Driller's log.		
Mud	3.0	3.0
Sand and clay	15.8	18.8
Refusal		at 18.8
STOCKBRIDGE 41. Alt. 833.5 ft.		
Driller's log.		
Sand, silty	1.7	1.7
Rocks and clay	10.3	12.0
Refusal		at 12.0
STOCKBRIDGE 42. Alt. 837.3 ft.		
Driller's log.		
Sand and clay	14.2	14.2
Rocks and clay	6.4	20.6
Refusal		at 20.6
STOCKBRIDGE 43. Alt. 840.4 ft.		
Driller's log.		
Sand and clay	6.3	6.3
Rocks and clay	9.0	15.3
STOCKBRIDGE 44. Alt. 839.8 ft.		
Driller's log.		
Sand and clay	7.1	7.1
Rocks and clay	4.7	11.8
STOCKBRIDGE 45. Alt. 839.8 ft.		
Driller's log.		
Sand and clay	6.8	6.8
Rocks and clay	9.8	16.6
Refusal		at 16.6
STOCKBRIDGE 46. Alt. about 820 ft.		
Driller's log.		
Mud	7.0	7.0
Gravel	7.0	14.0
Sand, fine	9.0	23.0
STOCKBRIDGE 47. Alt. about 820 ft.		
Driller's log.		
Gravel	5.6	5.6
Sand, fine	14.0	19.6
STOCKBRIDGE 48. Alt. about 815 ft.		
Driller's log.		
Sand and loam	6.0	6.0
Boulders and wood		at 6.0
STOCKBRIDGE 49. Alt. about 815 ft.		
Driller's log.		
Gravel, coarse and clay	9.7	9.7
STOCKBRIDGE 51. Alt. about 818 ft.		
Geologist's log.		
Soil, silty, sandy, brown	1	1
Sand and silt, very fine sand, brown, mica flecks	6	7
Sand, very fine to coarse and some fine gravel, brown	18	25
Silt, very fine sand, gray	18	43
Silt, gray, some clayey	69	112
Bottom gray silt, too heavy for auger to turn.		
STOCKBRIDGE 52. Alt. 858.6 ft.		
Driller's log.		
Clay, brown; fine gravel	5	5
STOCKBRIDGE 53. Alt. 930.2 ft.		
Driller's log.		
Sand, brown; fine gravel	15	15
STOCKBRIDGE 54. Alt. 1038 ft.		
Driller's log.		
Sand, brown; clay; fine gravel	13.8	13.8
Sand; clay, soft brown; fine gravel	2.2	16.0
STOCKBRIDGE 55. Alt. 1047.2 ft.		
Driller's log.		
Sand	3.0	3.0
TYRINGHAM 1. Alt. about 925 ft.		
Driller's log.		
Sand, fine	7.0	7.0
Sand, coarse, loose	11.0	18.0
Clay, medium	20.0	38.0
Sand, hard packed, fine	11.0	49.0
TYRINGHAM 2. Alt. about 925 ft.		
Driller's log.		
Mud and fine sand mixed	7.0	7.0
Sand, coarse, loose	7.5	14.5
Clay, medium	21.5	36.0
Sand, hard packed, fine	11.0	47.0
Rock		at 47.0
TYRINGHAM 3. Alt. about 925 ft.		
Driller's log.		
Fill, sand, gravel, stones	6.0	6.0
Sand, fine and mud mixed	6.0	12.0
Sand, coarse, loose	5.0	17.0
Clay, medium	17.5	34.5
Sand, hard packed, fine	17.8	52.3
TYRINGHAM 4. Alt. about 925 ft.		
Driller's log.		
Sand, fine and mud mixed	6.0	6.0
Sand, loose, coarse	8.0	14.0
Clay, medium	16.0	30.0
Sand, fine, hard packed	7.0	37.0
TYRINGHAM 5. Alt. about 960 ft.		
Geologist's log.		
Soil, brown, humic	1	1
Till, light brown, clayey, silty, few pebbles	5	6
Sand, very fine to medium with some fine to medium gravel sizes	27	33
Boulder or bedrock		at 33
TYRINGHAM 6. Alt. about 910 ft.		
Owner's log.		
Overburden, dirt	16	16
Limestone, gray	80	96
Sand pocket at bottom.		
TYRINGHAM 7. Alt. about 860 ft.		
Geologist's log.		
Sand, brown, very fine, well sorted	3	3
Silt, gray, very well sorted with some fine sand	4	7
Silt, clayey, gray	2	9
Silt, sandy, brown to fine sand, some coarser, moderately rounded sand at about 18 ft	13	22
Silt, clayey, gray, scattered sand grains	83	105
Till, gray clay, sand and angular fine gravel	1.5	106.5
WEST STOCKBRIDGE 1. Alt. about 1000 ft.		
Driller's log.		
Hardpan, no boulders	15	15
Schist	183	198

Table 3.--Logs of selected wells, test wells, and borings in the Housatonic River basin--Continued

	Thickness	Depth
WEST STOCKBRIDGE 7. Alt. about 1138 ft.		
Driller's log.		
Fill, artificial	6	6
Limestone, white	74	80
WEST STOCKBRIDGE 8. Alt. about 926 ft.		
Driller's log.		
Hardpan and boulders	33	33
Shale, black	72	105
WEST STOCKBRIDGE 9. Alt. about 922 ft.		
Owner's log.		
Gravel	30	30
Sand	60	90
Clay, blue	50	140
Gravel	20	160
WEST STOCKBRIDGE 10. Alt. about 921 ft.		
Driller's log.		
Hardpan, gravel and clay	100	100
Gravel, light (lots of quartz)	18	118
WEST STOCKBRIDGE 11. Alt. about 950 ft.		
Driller's log.		
Boulders and hardpan	10	10
Limestone, white	138	148
WEST STOCKBRIDGE 14. Alt. about 920 ft.		
Driller's log.		
Soil	3	3
Limestone	47	50
WEST STOCKBRIDGE 15. Alt. about 912 ft.		
Driller's log.		
Soil	5	5
Clay, gray	85	90
Gravel, light gray	15	105
WEST STOCKBRIDGE 16. Alt. about 972 ft.		
Driller's log.		
Old well, dug	26	26
Gravel	85	111
WEST STOCKBRIDGE 17. Alt. about 932 ft.		
Driller's log.		
Gravel	10	10
Limestone, dark gray	18	28
WEST STOCKBRIDGE 18. Alt. about 875 ft.		
Driller's log.		
Soil	2	2
Gravel	25	27
WEST STOCKBRIDGE 19. Alt. about 850 ft.		
Driller's log.		
Hardpan, boulders and clay	7	7
Gravel	31	38
WEST STOCKBRIDGE 20. Alt. about 875 ft.		
Driller's log.		
Schist, gray-black	200	200
WEST STOCKBRIDGE 22. Alt. 907.1 ft.		
Driller's log.		
River silt	42.7	42.7
Sand and gravel, compact	6.3	49.0
WEST STOCKBRIDGE 23. Alt. 907.7 ft.		
Driller's log.		
River silt	46.0	46.0
Sand and gravel, compact	4.5	50.5
WEST STOCKBRIDGE 24. Alt. 909.3 ft.		
Driller's log.		
River silt	47.3	47.3
Sand and gravel, compact	4.2	51.5
WEST STOCKBRIDGE 25. Alt. 908.6 ft.		
Driller's log.		
River silt	25.0	25.0
WEST STOCKBRIDGE 26. Alt. 907.4 ft.		
Driller's log.		
River silt	25.0	25.0
WEST STOCKBRIDGE 27. Alt. 909.2 ft.		
Driller's log.		
River silt	41.6	41.6
Sand and gravel, compact	6.4	48.0
WEST STOCKBRIDGE 28. Alt. about 750 ft.		
Driller's log.		
Mud, soft	3	3
Clay and gravel	2	5
Gravel	1	6
Refusal		at 6
WEST STOCKBRIDGE 30. Alt. about 900 ft.		
Driller's log.		
Mud	2.7	2.7
Sand, fine and gravel	4.2	6.9
Soft driving	11.5	18.4
WEST STOCKBRIDGE 31. Alt. about 900 ft.		
Driller's log.		
Mud	2.1	2.1
Gravel, fine sandy	5.2	7.3
Gravel, yellow	2.7	10.0
Clay, soft, blue	10.8	20.8
WEST STOCKBRIDGE 32. Alt. about 900 ft.		
Gravel, fine sandy	6.5	6.5
Gravel, yellow	3.2	9.7
Gravel, coarse	7.7	17.4
Refusal		at 17.4
WEST STOCKBRIDGE 33. Alt. about 890 ft.		
Driller's log.		
Mud	5.0	5.0
Sand and gravel, loose	7.0	12.0
Sand and gravel with clay	16.7	28.7
Refusal		at 28.7
WEST STOCKBRIDGE 34. Alt. about 890 ft.		
Driller's log.		
Mud	6.5	6.5
Sand and gravel, loose	12.5	19.0
Sand, gravel and clay, compact	7.5	26.5
Refusal		at 26.5
WEST STOCKBRIDGE 36. Alt. about 910 ft.		
Geologist's log.		
Sand, very fine to fine with few coarse grains, brown	22.5	22.5
Sand and gravel, coarse	23.5	46.0
Till, silty, sandy, pebbly, gray	48.0	94.0
Boulders or bedrock		at 94.0
WEST STOCKBRIDGE 37. Alt. 967.7 ft.		
Driller's log.		
Clay, brown; sand; fine gravel	31	31
WEST STOCKBRIDGE 38. Alt. 902.9 ft.		
Driller's log.		
Clay, black	9.0	9.0
Clay, brown, wet	3.0	12.0
Clay, brown; silt	7.0	19.0
Clay, brown; silt; fine gravel	10.5	29.5
WEST STOCKBRIDGE 39. Alt. 907.3 ft.		
Driller's log.		
Sand, brown; clay; fine gravel	7.0	7.0
Clay, brown; gravel	8.0	15.0
WEST STOCKBRIDGE 40. Alt. 898.2		
Driller's log.		
Clay, brown; sand; fine gravel	20	20
WEST STOCKBRIDGE 41. Alt. 914.6 ft.		
Driller's log.		
Clay, brown; sand; gravel	8.6	8.6
Clay, light brown; fine gravel	11.5	20.1
Silt, running, gravel	113.9	134.0
WEST STOCKBRIDGE 42. Alt. 958.3 ft.		
Driller's log.		
Clay, brown; sand; fine gravel	10.0	10.0
WEST STOCKBRIDGE 43. Alt. 898.8 ft.		
Driller's log.		
Clay, brown	3.5	3.5
Clay, brown and gravel	9.5	13.0
Silt, gray, wet	29.5	42.5
WEST STOCKBRIDGE 44. Alt. 916.3 ft.		
Driller's log.		
Clay, brown	4.2	4.2
Clay, wet, brown	20.5	24.7
Clay, brown, running	7.0	31.7

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	Thickness	Depth
AUSTERLITZ 7. Alt. about 1115 ft.		
Driller's log.		
Gravel	15	15
Hardpan	35	50
Bedrock		at 50
AUSTERLITZ 9. Alt. about 1535 ft.		
Driller's log.		
Unconsolidated deposits	29	29
Schist	38	67
Gray slate and quartz	44	111
AUSTERLITZ 12. Alt. about 1118 ft.		
Driller's log.		
Sand	107	107
AUSTERLITZ 19. Alt. about 1020 ft.		
Driller's log.		
Hardpan and slatey gravel	14	14
Black slate	21	35
CANAAN 1. Alt. about 1050 ft.		
Driller's log.		
Unconsolidated deposits	5	5
Limestone	120	125

Table 4.--Records of selected springs in the Housatonic River basin

Spring no: For explanation of spring-numbering system, see text.
Location: For explanation of spring-location system, see text.
Altitude of land-surface datum: Altitudes are interpolated from topographic maps. Datum is mean sea level.
Depth: Depths expressed in feet and tenths are measured; those in whole feet are reported.
Character: g, gravel; gn, gneiss; ls, limestone; qtz, quartzite; sh, schist; uk, unknown
Geologic unit: br, bedrock; un, unconsolidated-undifferentiated.
Use: D, domestic; In, industrial; N, not used (follows original use, eg. D/N); PS, public supply; S, stock.
Remarks: F, flow in gallons per minute; Y, yield in gallons per minute.

Spring no.	Location	Owner or user	Altitude of land-surface datum (feet)	Depth	Character	Geologic unit	Level	Date of measurement	Use	Remarks
			GREAT BARRINGTON							
1 sp	421446N0732113.1	Rising Paper Co.	1120	-	qtz	br	-	-	In	
2 sp	421446N0732113.2	do.	1125	-	uk	br	flow	-	In	Y 40.
3 sp	421209N0731637.1	Mass Dept Natural Resources	1570	-	gn	br	-	-	PS	
4 sp	421448N0732123.1	Francis E. Gerard	750	5.7	uk	br	-	-	D/N	
5 sp	421033N0732350.1	Ernest B. Blood	725	8	g	un	-	-	-	
			LEE							
1 sp	421613N0731726.1	Hurlbut Paper Co.	1223	-	uk	un	flow	-	-	F 8380.
			NEW MARLBOROUGH							
1 sp	420605N0731342.1	Southfield Water Trust	1360	-	uk	br	flow	-	D,PS	
2 sp	420613N0731343.1	do.	1370	-	uk	br	flow	-	D,PS	
3 sp	420613N0731343.2	do.	1370	-	uk	br	flow	-	D,PS	
4 sp	420613N0731343.3	do.	1370	-	uk	br	flow	-	D,PS	
5 sp	420545N0731302.1	H. A. Cook	1520	-	uk	br	flow	-	PS	
6 sp	420635N0731553.1	Edward Stanton	890	-	uk	un	flow	-	PS	
7 sp	420816N0731344.1	Gladys B. Willets	1530	-	uk	un	flow	-	PS	
8 sp	420407N0731625.1	Mr. Barth	930	-	ls	br	-	-	D	
			PITTSFIELD							
1 sp	422849N0731806.1	William Scace	1140	-	-	un	flow	-	S	F >50.
			SHEFFIELD							
1 sp	420748N0731946.1	Sheffield Water Co.	765	7	qtz	br	flow	-	PS	F 200.
2 sp	420734N0731932.1	do.	850	6	sh	br	flow	-	PS	F 13.
3 sp	420732N0731935.1	do.	820	5	uk	un	flow	-	PS	F 21.
4 sp	420727N0731928.1	do.	820	4	uk	br	flow	-	PS	F 16.
			STOCKBRIDGE							
1 sp	421654N0732140.1	Mr. Swan	840	-	uk	un	flow	-	D	F 50.
2 sp	421911N0731258.1	High Lawn Farms	980	-	ls	br	flow	-	D,S	F 50-80.
3 sp	421542N0731831.1	A. W. Percival	940	-	gn	br	.5	10-10-49	D	
4 sp	421609N0731733.1	Hurlbut Paper Co.	1183	-	uk	un	flow	-	In	
5-9 sp	421625N0731730.1-5	do.	885	-	uk	un	flow	-	In	
10-11 sp	421621N0731733.1-2	do.	960	-	uk	un	flow	-	In	
12 sp	421827N0732108.1	Percy Musgrove Dairy	1050	-	sh	br	-	-	S	
13 sp	421823N0732057.1	do.	975	-	sh	br	-	-	S	
14 sp	421827N0732059.1	do.	995	-	sh	br	-	-	S	
15 sp	421823N0731818.1	Hill Water Co.	1130	-	qtz	br	flow	-	PS	F 21.7.
16 sp	421823N0731818.2	do.	1130	-	qtz	br	flow	-	-	
			WEST STOCKBRIDGE							
1 sp	421053N0732144.1	West Stockbridge Water Co.	950	3	ls	br	-	-	PS	Y 2.
2 sp	422001N0732128.1	do.	1150	9	sh	br	-	-	PS	Spring-fed reservoir.
3 sp	422103N0732124.1	do.	980	8	uk	un	-	-	PS	Spring-fed reservoir. Y 50-60.
4 sp	422020N0732143.1	do.	1050	-	uk	un	-	-	PS	Spring-fed reservoir.
5 sp	422023N0732118.1	do.	1450	15	sh	br	-	-	PS	Do.

Table 5.--Chemical constituents, in percent, in the major types of rock in the Housatonic River basin 1/

Sample no.	Rock name	Silicon dioxide (SiO_2)	Aluminum oxide (Al_2O_3)	Ferric oxide (Fe_2O_3)	Ferrous oxide (FeO)	Magnesium oxide (MgO)	Calcium oxide (CaO)	Sodium oxide (Na_2O)	Potassium oxide (K_2O)	Hydrogen oxide (+) (H_2O+)	Hydrogen oxide (-) (H_2O-)	Titanium dioxide (TiO_2)	Phosphorous pentoxide (P_2O_5)	Manganese oxide (MnO)	Carbon dioxide (CO_2)	Chloride (Cl)	Fluoride (F)
H-1	Berkshire Schist	69.55	14.25	0.65	5.22	1.80	0.54	0.58	2.81	2.96	0.01	0.66	0.10	0.15	0.50	0.01	0.07
H-2	Hinsdale Gneiss	73.39	13.88	.47	1.52	.63	1.10	5.87	2.00	.41	.03	.43	.10	.02	.00	.02	.07
H-3	Cheshire Quartzite	94.69	2.58	.09	.11	.06	.00	.11	1.66	.21	.01	.19	.02	.00	.01	.01	.01
H-4	Stockbridge Formation	2.17	.21	.27	.18	20.51	30.01	.10	.31	.01	.01	.02	.00	.02	45.80	.02	.01
H-6	do.	.38	.11	.04	.02	.51	55.00	.08	.08	.03	.00	.01	.00	.00	43.71	.01	.00
H-7	do.	2.56	.71	.02	.44	17.53	32.83	.12	.34	.01	.00	.31	.02	.01	44.76	.01	.01
H-8	Berkshire Schist	58.52	21.94	1.78	5.87	1.74	.47	2.76	1.07	3.63	.04	1.03	.16	.15	.18	.01	.08
H-10	do.	56.30	21.80	.93	6.93	2.35	1.02	4.35	1.07	2.95	.03	.88	.10	.11	.07	.00	.10
H-11	Becket Gneiss	73.96	12.28	1.22	2.59	.43	.69	2.51	5.42	.48	.05	.22	.01	.03	.04	.01	.04
H-12	Cheshire Quartzite	98.96	.27	.11	.14	.00	.00	.05	.08	.02	.02	.05	.00	.00	.00	.01	.00

1/ Analyses by U.S. Geological Survey.

Table 6.--Chemical analyses of water from wells in the Housatonic River basin

(Analytical results in parts per million except as indicated.)

(Analyses by U. S. Geological Survey.)

Well no.[a]	Date	Water temperature (°F)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color	Turbidity	ABS
																Calcium and magnesium	Noncarbonate					
SAND AND GRAVEL																						
Austerlitz 1 (Columbia Co, N.Y.)	4-14-64	36	3.7	0.02	0.02	6.4	0.9	1.1	0.1	12	11	1.8	0.0	0.0	29	20	10	48	6.8	3	-	0.0
	9-17-64	52	-	-	-	-	-	-	-	17	-	-	-	-	-	27	13	76	6.6	-	-	-
Dalton 46	4- 4-64	48	6.1	.01	.16	50	17	2.4	1.0	198	29	4.9	.0	3.4	213	195	33	375	7.8	2	-	.0
	9-15-64	49	-	-	.14	58	21	-	-	225	-	-	-	-	-	232	48	437	7.8	-	-	.0
Lanesborough 27	4- 7-64	48	7.1	.20	.07	59	15	2.1	.3	244	11	1.0	.0	.6	218	209	9	394	7.7	1	-	.0
	9-14-64	54	-	.28	-	56	11	-	-	246	-	-	-	-	-	184	0	391	7.7	-	-	.0
Lanesborough 33	12-31-64	46	5.7	.02	.01	54	17	8.5	1.3	220	12	21	.1	4.2	250	205	24	415	7.8	2	.3	-
Lee 31	4-14-64	50	9.2	1.1	.17	66	23	2.6	3.8	303	16	1.8	.1	.9	278	259	11	504	7.5	2	-	.0
	9-15-64	55	-	-	-	49	36	-	-	312	-	-	-	-	-	270	14	487	8.1	-	-	-
Lee 48	4-16-64	41	3.4	.02	-	17	4.7	1.5	.7	56	12	5.3	.0	3.5	80	62	16	140	7.6	3	-	-
	9-16-64	56	-	-	-	26	11	-	-	102	-	-	-	-	-	110	26	224	6.9	-	-	.0
Lee 52	1-13-65	48	7.0	.01	.00	37	15	8.2	2.4	188	5.7	11	.2	1.8	194	154	0	325	7.7	2	.5	-
Sheffield 12	4-16-64	51	12	.58	.22	54	25	3.0	2.4	279	12	2.0	.1	.7	257	238	9	438	7.6	2	-	.0
	9-17-64	53	-	-	-	-	-	-	-	281	-	-	-	-	-	238	8	437	7.9	-	-	-
Sheffield 26	4-16-64	52	8.3	.25	.00	35	15	2.6	2.8	170	11	5.7	.0	.2	177	149	10	295	8.0	1	-	-
	9-16-64	53	-	.05	-	-	-	-	-	168	-	-	-	-	-	150	12	297	7.9	-	-	-
Sheffield 64	4-23-64	45	6.6	.04	.04	47	12	2.2	2.4	167	26	3.3	.2	6.8	199	167	30	336	7.8	4	-	.0
	9-17-64	56	-	-	-	49	16	-	-	186	-	-	-	-	-	186	34	369	7.5	-	-	-
West Stockbridge 2	4- 9-64	44	4.7	.04	.00	68	14	6.0	1.0	234	27	14	.0	2.1	255	227	35	449	7.9	2	-	.0
	9-16-64	54	-	.04	-	62	20	-	-	258	-	-	-	-	-	236	24	512	7.7	-	-	.0
West Stockbridge 10	4- 9-64	50	8.9	.03	.01	46	18	4.7	.6	211	16	6.6	.1	1.3	202	189	16	362	8.2	1	-	.0
	9-18-64	52	-	.01	-	-	-	-	-	231	-	-	-	-	-	204	14	386	7.8	-	-	.0

Table 6.--Chemical analyses of water from wells in the Housatonic River basin--Continued

Well no.[a]	Date	Water temperature (°F)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color	Turbidity	ABS
																Calcium and magnesium	Noncarbonate					
TILL																						
Great Barrington 2	4-15-64	40	3.6	0.04	0.00	32	14	1.1	1.0	146	20	2.0	0.0	0.2	154	138	18	277	7.6	3	-	-
	9-14-64	53	-	-	-	54	26	-	-	276	14	-	-	-	-	240	14	446	7.4	-	-	-
Hinsdale 1	4- 8-64	41	4.6	.04	.01	19	6.4	9.5	2.2	34	17	28	.0	17	142	74	46	226	7.0	1	-	.0
	9-15-64	54	-	-	-	-	-	7.5	-	62	-	8.3	-	20	-	80	29	214	6.9	-	-	-
Monterey 21	4-14-64	44	4.4	.07	.10	23	5.5	1.4	.4	82	12	4.0	.1	.8	99	80	13	168	7.1	4	-	.0
	9-15-64	54	-	-	-	40	14	-	-	183	-	-	-	-	-	158	8	320	7.6	-	-	-
New Marlborough 37	4-17-64	38	7.2	.04	.00	52	18	2.6	2.0	[b]178	27	20	.1	11	245	204	58	398	8.4	3	-	.0
	9-16-64	52	-	-	-	78	26	-	-	302	-	17	-	6.3	-	302	54	567	7.5	-	-	.0
SCHIST																						
Austerlitz 2 (Columbia Co, N.Y.)	4-14-64	-	6.7	.18	.01	29	2.8	16	.5	91	14	22	.1	.2	144	84	10	247	8.1	4	-	-
	9-17-64	54	-	1.2	-	-	-	-	-	116	-	-	-	-	-	83	0	243	7.7	-	-	.0
Hancock 11	4-21-64	49	6.8	.01	.03	27	16	6.1	.2	142	18	7.2	.2	1.8	156	134	17	278	8.1	5	-	.0
	9-22-64	50	5.6	.03	-	39	11	4.9	.2	152	17	9.1	.1	1.4	176	143	18	289	7.9	4	.7	.0
Lanesborough 24[c]	4- 7-64	41	3.3	.60	.46	34	9.8	6.1	1.4	169	.0	1.0	.2	.0	137	126	0	258	7.8	3	-	.0
	9-14-64	56	-	.02	.26	-	-	-	-	150	-	-	-	-	-	112	0	237	7.6	-	-	-
Lanesborough 28	4- 7-64	44	4.2	.06	.11	16	1.0	.7	.2	41	11	1.0	.0	.0	59	44	11	96	6.7	6	-	.0
	9-14-64	53	-	.01	.01	26	-	-	-	77	-	-	-	-	-	70	7	148	7.2	-	-	-
Richmond 10	4-17-64	52	11	.76	.16	40	5.6	4.0	.8	131	22	1.8	.1	.0	150	123	16	252	8.1	0	-	.0
	9-18-64	53	-	.24	.14	-	-	-	-	142	-	-	-	-	-	130	14	265	8.0	-	-	-
GNEISS																						
Dalton 12	4- 7-64	46	8.8	.03	.01	26	13	1.7	2.0	128	16	1.2	.1	.0	132	119	14	237	7.5	2	-	.0
	9-15-64	54	-	-	-	-	-	-	-	158	-	-	-	-	-	143	14	282	7.7	-	-	.0
Hinsdale 8	4- 8-64	43	8.8	.23	.07	25	11	3.6	2.0	115	9.8	8.0	.1	3.7	128	108	14	230	7.9	1	-	.0
	9-15-64	51	-	.06	.03	26	13	-	-	138	-	-	-	-	-	120	7	254	7.6	-	-	-
Lee 46	4-14-64	51	13	.07	.00	13	2.8	3.0	1.0	[d]59	4.8	1.1	.1	.3	74	44	0	111	9.0	1	-	-
	9-15-64	57	-	-	-	-	-	-	-	61	-	-	-	-	-	46	0	107	8.2	-	-	.0
New Marlborough 15	4-15-64	46	15	.99	.03	22	9.2	2.4	2.2	103	17	2.1	.0	.2	126	93	9	199	7.6	1	-	-
	9-16-64	50	-	-	-	-	-	-	-	106	-	-	-	-	-	98	11	204	7.8	-	-	-

Table 6.--Chemical analyses of water from wells in the Housatonic River basin--Continued

Well no.[a]	Date	Water temperature (°F)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color	Turbidity	ABS
																Calcium and magnesium	Noncarbonate					
LIMESTONE AND DOLOMITE																						
Alford 6	4-14-64	49	4.1	0.10	0.01	60	17	5.3	0.4	220	17	22	0.1	0.8	249	220	39	438	7.8	2	-	0.0
	9-16-64	50	-	-	-	-	-	-	-	250	-	-	-	-	-	246	41	474	7.7	-	-	-
Canaan 1	4- 9-64	52	5.1	.00	.03	52	27	2.3	.2	246	21	6.0	.0	19	259	241	39	453	7.7	2	-	.0
	9-18-64	55	-	-	-	-	-	-	-	273	-	-	-	6.0	-	261	37	512	7.6	-	-	-
Dalton 5	4- 7-64	48	7.9	.02	.00	37	18	2.5	1.1	177	19	5.0	.1	3.9	184	167	22	332	7.9	2	-	.0
	9-15-64	51	-	-	-	-	-	-	-	175	-	-	-	-	-	169	26	321	7.8	-	-	-
Dalton 13	4- 8-64	50	7.7	.02	.05	30	16	1.4	.9	161	10	.9	.1	.6	141	141	9	271	7.7	2	-	.0
	9-15-64	50	-	-	-	-	-	-	-	159	-	-	-	-	-	140	10	268	7.5	-	-	-
Egremont 21	4-15-64	49	6.5	.04	.01	58	22	24	2.8	217	27	50	.1	15	351	235	57	573	7.9	1	-	.0
	9-16-64	49	-	-	-	77	21	15	-	281	-	28	-	-	-	280	50	595	7.6	-	-	-
Great Barrington 27	4-16-64	51	7.2	.05	.04	43	26	2.2	.9	242	19	3.6	.0	3.3	234	215	16	411	8.0	3	-	-
	9-16-64	55	-	-	-	61	33	-	-	[e]/304	-	-	-	-	-	288	38	489	8.3	-	-	-
Lanesborough 30	4-21-64	50	4.3	.00	.01	41	11	1.6	.2	146	17	8.9	.1	3.7	175	148	28	296	7.5	2	-	.0
	9-14-64	52	-	-	-	28	8.8	-	-	115	13	-	-	-	-	106	12	208	7.8	-	-	-
Lee 4	4-13-64	49	7.8	.09	.04	68	26	5.2	2.7	298	25	14	.0	2.5	308	277	33	533	7.6	2	-	-
	9-16-64	52	-	-	-	68	30	-	-	291	-	12	-	-	-	293	54	523	7.6	-	-	-
Lee 42	10-22-63	51	8.8	.05	.01	53	24	3.0	3.0	274	13	1.3	.1	.1	233	231	6	428	7.7	2	.1	-
Lenox 3	4- 8-64	46	3.5	.09	.01	85	35	9.8	1.9	340	28	48	.0	1.4	398	356	78	701	7.4	2	-	.0
	9-15-64	49	-	-	-	70	32	-	-	306	-	11	-	-	-	306	55	535	7.6	-	-	-
Richmond 6	4- 9-64	52	6.9	.00	.01	33	15	3.7	.4	164	12	2.9	.0	2.2	168	144	10	278	8.0	2	-	.0
	9-17-64	53	-	-	-	-	-	-	-	162	-	-	-	-	-	142	9	279	8.0	-	-	-
Sheffield 62	4-16-64	52	9.2	.05	.01	47	22	1.3	2.4	249	9.0	.8	.0	1.5	236	208	4	389	7.8	1	-	-
	9-17-64	52	-	.00	-	-	-	-	-	247	-	-	-	-	-	211	8	390	7.8	-	-	-
Sheffield 63	4-17-64	50	5.4	.02	.03	84	32	40	1.1	268	20	138	.0	2.6	509	341	122	874	7.5	2	-	-
	9-17-64	51	-	-	-	78	36	24	-	246	-	85	-	-	-	343	141	771	7.7	-	-	-
Stockbridge 17	4- 8-64	51	8.4	.02	.06	73	29	15	1.5	297	27	44	.0	2.0	365	302	58	627	7.8	1	-	.0
	9-18-64	54	-	-	-	69	34	3.0	-	317	-	4.3	-	-	-	312	52	536	7.7	-	-	-
Tyringham 6[c]	4-16-64	45	7.0	.04	.00	28	12	2.1	1.5	112	21	5.8	.0	5.8	152	120	28	250	7.1	2	-	-
	9-15-64	59	-	-	-	38	16	-	-	156	22	-	-	4.6	-	161	33	326	7.6	-	-	-

Table 6.--Chemical analyses of water from wells in the Housatonic River basin--Continued

Well no.[a]	Date	Water temperature (°F)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color	Turbidity	ABS
																Calcium and magnesium	Noncarbonate					
										QUARTZITE												
New Marlborough 5-11	4-15-64	46	7.9	0.00	0.00	9.6	2.2	1.1	0.9	38	4.4	1.5	0.1	0.9	50	33	2	74	7.1	1	-	0.0
	9-16-64	46	-	-	-	-	-	-	-	38	-	-	-	-	-	32	1	72	7.1	-	-	-
Sheffield 61	4-16-64	51	9.6	.03	.00	42	17	2.6	4.4	164	19	13	.1	14	222	175	41	358	7.8	1	-	-
	9-17-64	54	-	-	-	-	-	-	-	164	-	10	-	10	-	167	32	341	7.6	-	-	-
Sheffield 65	4-23-64	51	11	.00	.00	28	11	3.7	3.5	137	9.8	1.0	.2	.9	138	115	3	239	7.6	2	-	.0
	9-17-64	53	-	-	-	-	-	-	-	138	-	-	-	-	-	114	1	237	7.7	-	-	-

[a] All wells are located in Berkshire County, Massachusetts except as noted.
[b] This also includes 2 ppm carbonate (CO_3).
[c] Well also may draw water from quartzite.
[d] This also includes 5 ppm carbonate (CO_3)
[e] This also includes 3 ppm carbonate (CO_3).
[f] Well draws water from brownstone which is intermediate between schist and limestone.

Table 7.--Chemical analyses of precipitation samples collected at three Weather Bureau Stations in the Housatonic River basin

(Analytical results in parts per million except as indicated.)

(Analyses by U.S. Geological Survey.)

Station	Date	Inches of precipitation	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH
										Calcium, magnesium	Noncarbonate		
Pittsfield Airport	4/ 7/64	0.68	7.2	1.9	-	-	4	22	-	26	23	68	6.1
Pittsfield	4/14-15/64	.99	7.0	2.1	-	-	10	16	0.0	26	18	79	6.3
Lat. 46°26'	4/15/64	.15	6.7	3.8	-	-	13	-	.5	32	22	91	6.5
Long. 73°18'	4/18-20/64	.64	6.8	2.2	-	-	13	18	.0	26	16	66	6.0
	4/21-23/64	.42	7.8	1.1	-	-	6	16	.0	24	19	57	5.7
	5/13-15/64	.44	6.4	-	-	-	20	21	.7	14	0	115	6.8
	5/19/64	.19	5.2	.7	-	-	22	24	-	16	0	126	6.8
	6/ 3/64	.18	12	-	-	-	31	24	-	14	0	147	6.9
	6/ 6-8 /64	.37	7.0	-	0.1	0.2	14	19	.2	12	0	94	6.6
	6/15/64	.24	10	-	-	-	12	17	-	17	7	90	6.5
	6/24/64	.90	2.8	-	.0	.0	8	9.2	.0	6	0	40	6.4
	7/ 1/64	.27	8.8	.6	-	-	44	21	-	24	0	156	6.8
	7/ 2-4 /64	.74	4.8	.0	-	-	11	13	.0	12	3	63	6.4
	7/13-14/64	.53	3.0	-	.1	.4	11	10	.5	4	0	40	6.5
	7/29/64	.40	2.4	.5	.1	-	12	8.0	.0	8	0	49	6.8
	8/ 8/64	.59	3.0	.6	.3	-	6	11	.0	10	5	44	6.0
	8/13/64	.56	2.4	.0	.1	-	22	3.6	.2	6	0	45	6.7
	8/22/64	-	3.2	.0	.2	-	10	9.4	.0	8	0	53	6.4
	8/22-24/64	1.54	2.4	-	.2	-	15	8.0	.0	4	0	46	6.5
	8/27/64	.17	5.6	.5	-	-	26	-	-	16	0	69	6.5
	8/31/64	.84	2.2	.1	.2	-	14	4.2	.1	6	0	36	6.5
	9/10/64	.34	3.4	.4	.2	-	10	10	.0	10	2	64	5.8
	9/27-28/64	.15	14	.5	-	-	54	-	-	37	0	144	6.6
	9/29/64	.40	4.1	1.4	.1	-	27	8.8	.0	16	0	68	6.7
	10/ 3/64	.35	3.3	1.4	.2	-	15	2.8	.0	14	2	37	6.6
	10/20/64	.07	12	2.9	-	-	42	10	-	42	8	125	6.4
	10/21/64	.22	2.2	2.1	.1	-	8	4.2	.0	14	8	27	6.2
	10/29-30/64	.08	8.2	.4	-	-	19	-	-	34	18	146	6.6
	11/ 5-6 /64	.13	-	-	-	-	25	-	-	22	2	156	6.7
	11/19-20/64	.63	2.2	1.1	.1	-	10	22	-	10	2	84	6.6
	11/25-26/64	.41	2.0	.7	.2	-	10	23	-	8	0	83	6.4
	11/28-29/64	.33	2.3	1.1	1.1	-	10	21	-	10	2	79	6.5
Stockbridge	4/ 6/64	.32	5.3	.7	-	-	5	7.4	.0	16	12	36	5.3
Lat. 42°17'	4/ 7/64	.25	19	1.6	-	-	24	-	.2	54	35	124	6.6
Long. 73°18'	4/14/64	.79	2.9	.2	-	-	3	4.4	.0	8	6	18	5.2
	4/15/64	.43	3.3	.2	-	-	4	5.6	.0	9	6	25	5.8
	4/19/64	.16	3.2	.5	-	-	6	-	-	10	5	30	5.9
	4/20/64	.43	3.2	.2	-	-	2	5.8	.0	9	8	19	5.5
	4/22/64	.36	3.5	.4	-	-	8	5.8	.0	10	4	24	5.6
	5/10/64	.13	7.2	.7	-	-	13	19	-	21	10	54	7.2
	5/13/64	.33	5.8	-	-	-	4	11	.0	10	6	40	5.9
	5/14/64	.23	6.0	-	-	-	4	9.4	.0	6	2	40	5.9
	5/15/64	.31	2.4	-	-	-	5	2.6	.0	3	0	14	6.5
	5/19/64	.19	5.1	.4	-	-	31	15	-	14	0	117	7.4
	6/ 3/64	.18	6.2	1.6	-	-	8	13	-	22	16	55	6.6
	6/ 6/64	.22	4.8	.2	-	-	7	12	-	13	8	53	6.4
	6/ 7-8 /64	.52	3.4	-	-	-	5	5.8	.0	6	2	22	6.2

Table 7.--Chemical analyses of precipitation samples collected at three Weather Bureau Stations in the Housatonic River basin--Continued

Station	Date	Inches of precipitation	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH
										Calcium, magnesium	Noncarbonate		
Stockbridge (Cont.)	6/15-16/64	0.64	2.7	-	-	-	12	6.6	0.0	5	0	38	6.8
Lat. 42°17'	6/24/64	.32	5.6	-	-	-	4	13	.0	6	2	41	6.0
Long. 73°18'	7/ 1/64	.33	4.8	-	-	-	16	14	.0	10	0	74	-
	7/ 2/64	1.04	4.0	-	0.0	0.0	3	8.2	.0	4	2	28	5.8
	7/23/64	.86	3.0	-	.3	-	6	6.2	.0	4	0	27	6.1
	7/29/64	.47	3.0	0.1	.3	-	12	8.8	.0	8	0	48	6.4
	8/ 8/64	.28	4.2	-	-	-	5	8.4	.0	7	3	33	6.2
	8/12/64	.98	1.4	-	.1	-	5	2.4	.0	2	0	10	5.9
	8/22/64	.47	5.4	-	.4	-	4	12	.0	8	5	49	5.8
	8/23/64	.21	5.0	-	-	-	5	-	.0	6	2	39	6.0
	9/25/64	.06	-	-	-	-	8	-	-	30	24	132	6.5
	9/28/64	.13	3.6	1.7	-	-	35	-	-	16	0	118	7.5
	9/29/64	.48	1.6	.5	-	-	20	4.4	.0	6	0	26	6.6
	10/ 3/64	.37	2.4	.5	-	-	4	8.0	.0	8	5	16	6.2
	10/17-18/64	.17	-	-	-	-	18	-	-	13	0	50	6.7
	10/21/64	.38	1.7	.5	-	-	4	2.6	.0	6	3	13	6.4
	10/30/64	.07	-	-	-	-	7	-	-	12	6	61	6.1
	11/ 5/64	.09	-	-	-	-	6	-	-	16	11	86	6.0
	11/16/64	.20	4.6	.6	-	-	5	4.4	-	14	10	62	6.0
	11/20/64	.46	2.4	.5	.7	-	10	6.8	-	8	0	48	6.1
	11/26/64	.46	1.6	.5	.6	-	6	6.2	-	6	1	31	6.1
	11/29/64	.36	1.6	.0	.6	-	6	8.4	-	4	0	38	6.0
South Egremont	4/ 7/64	.46	10	1.2	-	-	13	20	.0	30	20	76	6.5
Lat. 42°09'	4/14/64	.23	19	2.1	-	-	13	-	-	56	46	131	6.8
Long. 73°25'	4/15/64	.98	4.1	2.7	-	-	13	10	.0	21	11	48	7.2
	4/19/64	.17	13	1.6	-	-	18	-	.4	39	24	88	6.9
	4/21/64	.21	7.2	2.4	-	-	12	14	-	28	18	63	6.0
	4/22/64	.46	3.0	2.8	-	-	6	12	.0	19	14	48	6.1
	5/15/64	.25	6.6	-	-	-	22	14	.5	10	0	71	6.8
	6/ 7/64	.33	9.8	1.6	-	-	13	21	3.9	31	20	102	6.0
	6/ 8/64	.42	7.2	-	-	-	14	13	.0	10	0	66	6.7
	6/16/64	.22	17	-	-	-	25	37	-	14	0	131	6.9
	6/25/64	.13	12	-	-	-	44	44	-	14	0	197	6.8
	7/ 2/64	.77	8.0	-	-	-	13	22	.0	6	0	88	6.4
	7/24/64	.64	4.2	.8	.9	-	16	13	-	14	1	65	6.3
	7/30/64	.65	5.2	.7	.5	-	6	12	-	16	11	64	5.8
	8/ 6/64	.15	6.2	.6	-	-	18	-	-	18	3	90	6.4
	8/ 8/64	.20	2.8	.5	-	-	10	14	-	9	1	61	6.3
	8/13/64	1.05	2.5	.5	-	-	11	3.6	-	8	0	28	6.2
	8/19/64	.16	10	2.2	-	-	64	-	-	34	0	167	7.0
	8/22/64	.33	6.9	.4	-	-	15	19	-	18	6	82	6.6
	8/31/64	.98	2.5	1.2	.5	-	10	8.4	-	11	3	38	6.3
	9/10/64	.46	8.0	1.7	.6	-	36	16	-	27	0	110	6.8
	9/28/64	.20	7.2	4.4	-	-	31	13	-	36	10	115	6.8
	9/29/64	.48	2.6	2.3	-	-	14	6.0	.0	16	4	44	6.4
	10/ 3/64	.50	2.4	1.4	-	-	14	13	.0	12	0	40	6.4
	10/21/64	.33	1.8	1.3	-	-	12	5.6	.0	10	0	32	6.4
	10/30/64	.13	8.8	1.0	-	-	15	-	-	26	14	122	6.8
	11/17/64	.16	8.0	.5	-	-	12	-	-	22	12	122	6.5
	11/20/64	.47	2.4	1.9	.4	-	13	11	-	14	4	59	6.6
	11/26/64	.42	2.0	.7	.7	-	12	9.0	-	8	0	49	6.6
	11/29/64	.33	2.4	1.9	.8	-	10	9.2	-	14	6	50	6.6

Table 8.--Major public water-supply systems in the Housatonic River basin[1/]

Community and/or facility furnishing water	Population (1960)	Estimated population served	Year operation started	Source of supply	Average use (mgd)	Treatment
Dalton Fire District (1)	6,436	6,000	1939	Anthony Brook, Egypt Brook, Windsor and Cleveland Brook Reservoirs	1.039	Slow sand filtration. Chlorination.
(2)		685	-	Spring	.043	Hypochlorites.
Egremont	895	600	-	Goodale Brook Reservoir	.030e	Do.
Great Barrington Fire District (1)	6,624	4,500	1867	Berkshire Heights and East Mountain Reservoirs	.789	Do.
(2)		2,100	1898	Long Pond	.249	Slow sand filtration. Hypochlorites.
Hinsdale Fire District	1,414	950	1889	Belmont Reservoir	.018e	None.
Lanesborough Fire and Water District	2,933	2,750	-	Two wells	.179	
Lee	5,271	5,800	1881	Vannetti, Washington, Mt. Brook, and Finerty Reservoir	.794	Hypochlorites.
Lenox	4,253	10,000 summer 5,000 winter	-	Upper and Lower Root, and Old Aspenwall Reservoir	.502	Do.
Monterey	480	95	-	Spring and one well	.005e	
New Marlborough (1)	1,083	40	-	Springs	.002e	
(2)		30	-	do.	.001e	
(3)		125	-	do.	.006e	
Pittsfield	57,879	57,300	1912	Ashley Lake and eight reservoirs	11.12	Chlorination.
Sheffield	2,138	1,300	-	Spring and one well	.065e	
Stockbridge (1)	2,161	2,000	1862	Lake Avaric	.108e	Chlorination.
(2)		64	1885	Spring near Rattle Snake Mt.	.003e	None.
West Stockbridge	1,244	600	1873	Spring	.030e	Hypochlorites.
Totals	92,811	89,939			14.983	

e = estimated. mgd = million gallons per day.

1/ Source: U.S. Dept. of Health, Education and Welfare
Public Health Service, 1963 Inventory, Municipal Water Facilities, Region 1.

Table 9.--Water levels in observation wells in the Housatonic River basin

(Water levels in feet below land-surface datum. For description of wells, see table 2.)

GREAT BARRINGTON 2

Date	Water level	Date	Water level	Date	Water level
1963		1964		1965	
Dec. 19	12.76	July 21	13.05	Jan. 21	13.83
1964		30	13.10	Feb. 23	12.46
Jan. 20	13.05	Aug. 25	13.33	Mar. 25	12.97
Feb. 21	12.08	Sept. 22	13.73	Apr. 28	10.74
Mar 20	5.65	Oct. 22	14.30	May 26	12.60
Apr. 23	7.23	Nov. 20	14.78		
May 21	11.16	30	14.97		
June 23	12.79	Dec. 22	14.70		

GREAT BARRINGTON 11

1964		1964		1965	
July 7	5.49	Sept. 21	9.20	Jan. 21	8.20
10	5.48	30	9.38	Feb. 23	6.72
21	6.11	Oct. 22	9.09	Mar. 24	6.20
30	6.58	Nov. 20	9.06	Apr. 28	3.71
Aug. 24	7.81	Dec. 22	8.61	May 26	5.41

GREAT BARRINGTON 59

1963		1964		1964	
Aug. 21	10.20	Jan. 20	6.10	Oct. 22	12.89
28	9.86	Feb. 21	4.87	Nov. 20	13.34
Sept. 6	10.28	Mar. 20	3.91	Dec. 22	10.80
Oct. 7	10.69	Apr. 23	3.80	1965	
24	11.45	May 21	6.32	Jan. 21	8.19
Nov. 7	11.72	June 23	8.47	Feb. 23	5.69
8	11.74	July 21	9.72	Mar. 25	5.08
Dec. 19	6.68	30	10.19	Apr. 28	4.71
		Aug. 25	11.57	May 26	7.17
		Sept. 22	11.97		

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1964		1964		1965	
Apr. 7	72.9	Sept. 22	174.11	Jan. 20	188.75
May 20	83.02	Oct. 31	181.40	Mar. 5	113.77
July 30	161.28	Nov. 20	183.48	24	102.18
Aug. 24	168.16	Dec. 22	186.85	Apr. 28	84.21
				May 5	84.82

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1963		1964		1964	
Nov. 20	10.18	Apr. 21	5.84	Oct. 22	13.15
27	9.55	23	5.70	Nov. 20	13.41
Dec. 18	9.52	May 20	9.08	Dec. 22	11.04
1964		June 22	12.34	1965	
Jan. 21	10.43	July 20	12.60	Jan. 21	11.93
Feb. 21	10.36	Aug. 25	11.72	Feb. 23	11.83
Mar. 20	6.73	Sept. 8	12.53	Mar. 24	10.82
Apr. 8	6.04	11	11.71	Apr. 28	8.64
		22	13.48		

PITTSFIELD 51

1963		1964		1964	
Aug. 15	21.04	Apr. 1	16.44	July 15	22.05
21	20.72	8	16.20	20	22.46
29	21.42	21	16.18	Aug. 25	24.90
Sept. 5	21.90	22	16.18	Sept. 22	26.49
Oct. 7	23.90	29	16.33	Oct. 22	28.15
10	24.04	May 6	16.51	Nov. 4	28.75
24	24.88	12	16.69	20	29.43
Nov. 8	25.55	18	16.95	Dec. 3	30.03
26	22.83	20	16.91	11	30.07
Dec. 18	19.64	26	17.32	1965	
1964		June 8	18.60	Jan. 21	27.59
Jan. 21	19.26	16	19.42	Feb. 24	27.08
Feb. 21	18.00	22	20.12	Mar. 24	21.82
Mar. 20	16.59	23	20.12	Apr. 28	17.95
25	16.55	29	20.70	May 27	18.36

PITTSFIELD 52

1963		1964		1964	
Nov. 26	16.26	Apr. 23	15.93	Nov. 30	18.16
Dec. 18	16.24	May 20	16.68	Dec. 22	18.03
1964		June 22	17.28	1965	
Jan. 21	17.01	July 20	17.55	Jan. 20	17.03
Feb. 21	16.67	Aug. 25	17.84	Feb. 24	16.59
Mar. 20	15.93	Sept. 22	17.98	Mar. 24	16.64
Apr. 8	15.82	Oct. 22	18.06	Apr. 28	16.01
21	15.87	Nov. 20	18.10	May 4	16.28

SHEFFIELD 59

1963		1964		1965	
Nov. 27	21.75	June 23	19.32	Jan. 21	21.99
Dec. 19	21.23	July 21	19.70	Feb. 23	21.00
1964		Aug. 24	20.20	Mar. 25	21.53
Jan. 20	21.13	Sept. 21	20.61	Apr. 28	22.11
Feb. 22	20.25	Oct. 22	21.06	May 4	22.16
Mar. 20	19.19	Nov. 20	21.41	26	22.18
Apr. 23	19.34	Dec. 22	21.70		
May 20	19.00				

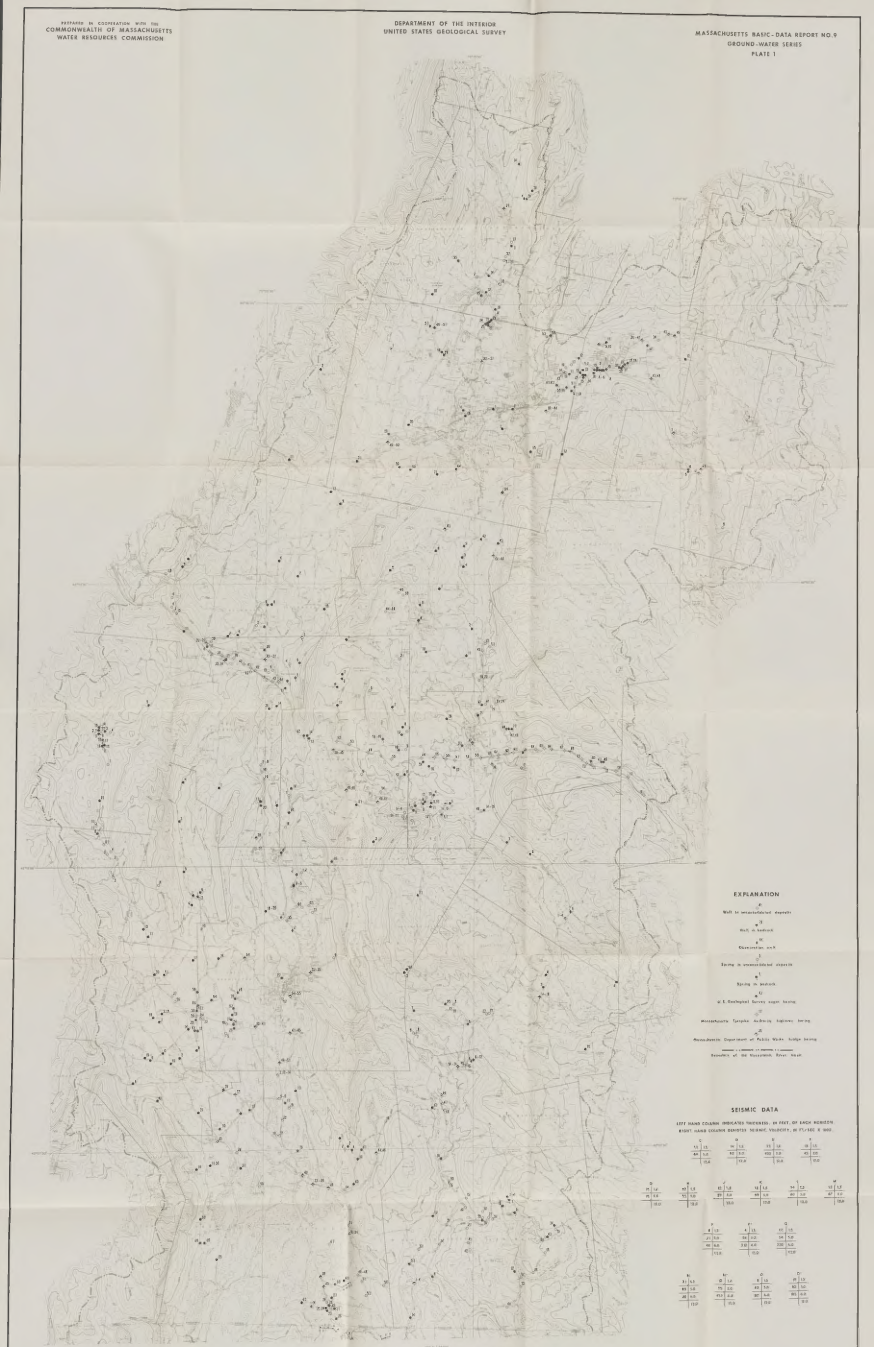
TYRINGHAM 5

1963		1964		1964	
Nov. 27	5.54	Apr. 23	3.96	Nov. 20	12.77
Dec. 18	5.36	May 21	5.43	Dec. 22	8.77
21	5.70	June 22	7.62	1965	
1964		July 21	9.58	Jan. 21	7.65
Jan. 22	5.43	29	10.25	Feb. 23	6.25
Feb. 22	5.43	Aug. 24	11.31	Mar. 25	5.15
Mar. 20	4.17	Sept. 22	12.83	Apr. 28	4.68
		Oct. 22	13.37	May 4	5.84

PREPARED IN COOPERATION WITH THE
COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MASSACHUSETTS BASIC-DATA REPORT NO. 9
GROUND-WATER SERIES
PLATE 1



Base from topographic quadrangles
U.S. Geological Survey

HOUSATONIC RIVER BASIN, MASSACHUSETTS

WELLS, BORINGS, SPRINGS AND SEISMIC DATA

1966